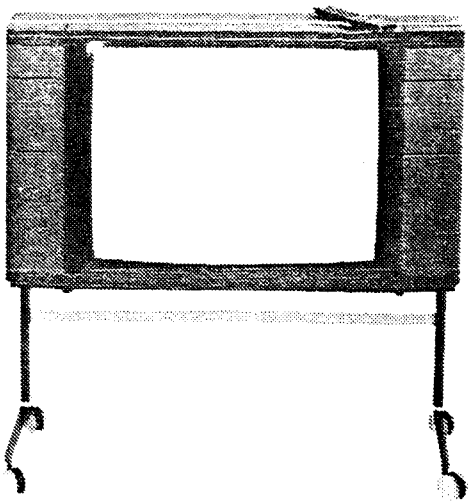
Bang&Olufsen

Beovision LX2500

Beovision LX2800



SERVICEANVISNING
SERVICE MANUAL

INDHOLDSFORTEGNELSE

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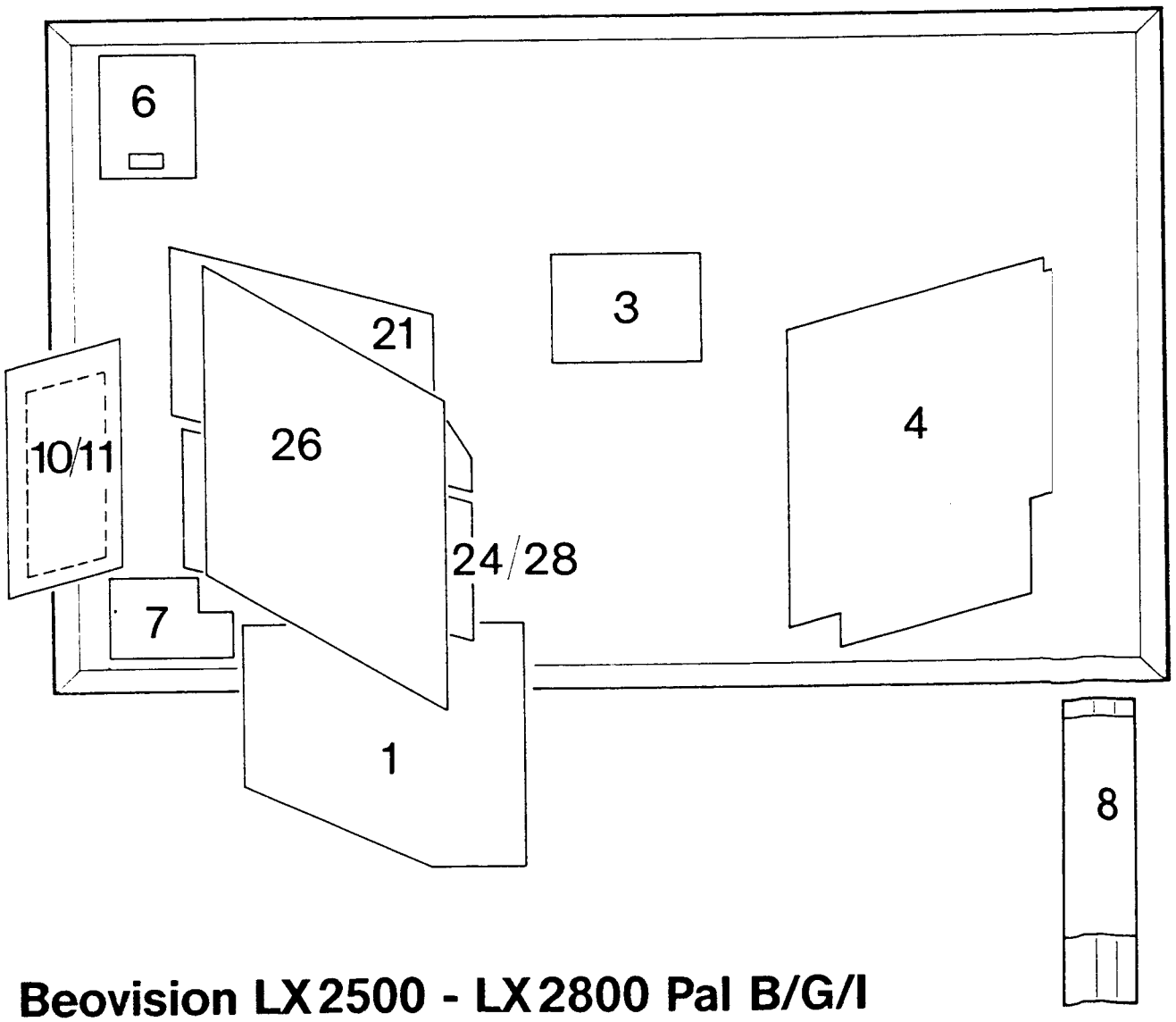

Beovision LX2500 - LX2800 Pal B/G/I

3 Video Output ..... diagr. C page 1-0

4 Power Supply and Deflection ..... diagr. F page 1-11

6 IR-Receiver and Led's ..... diagr. A page 1-6

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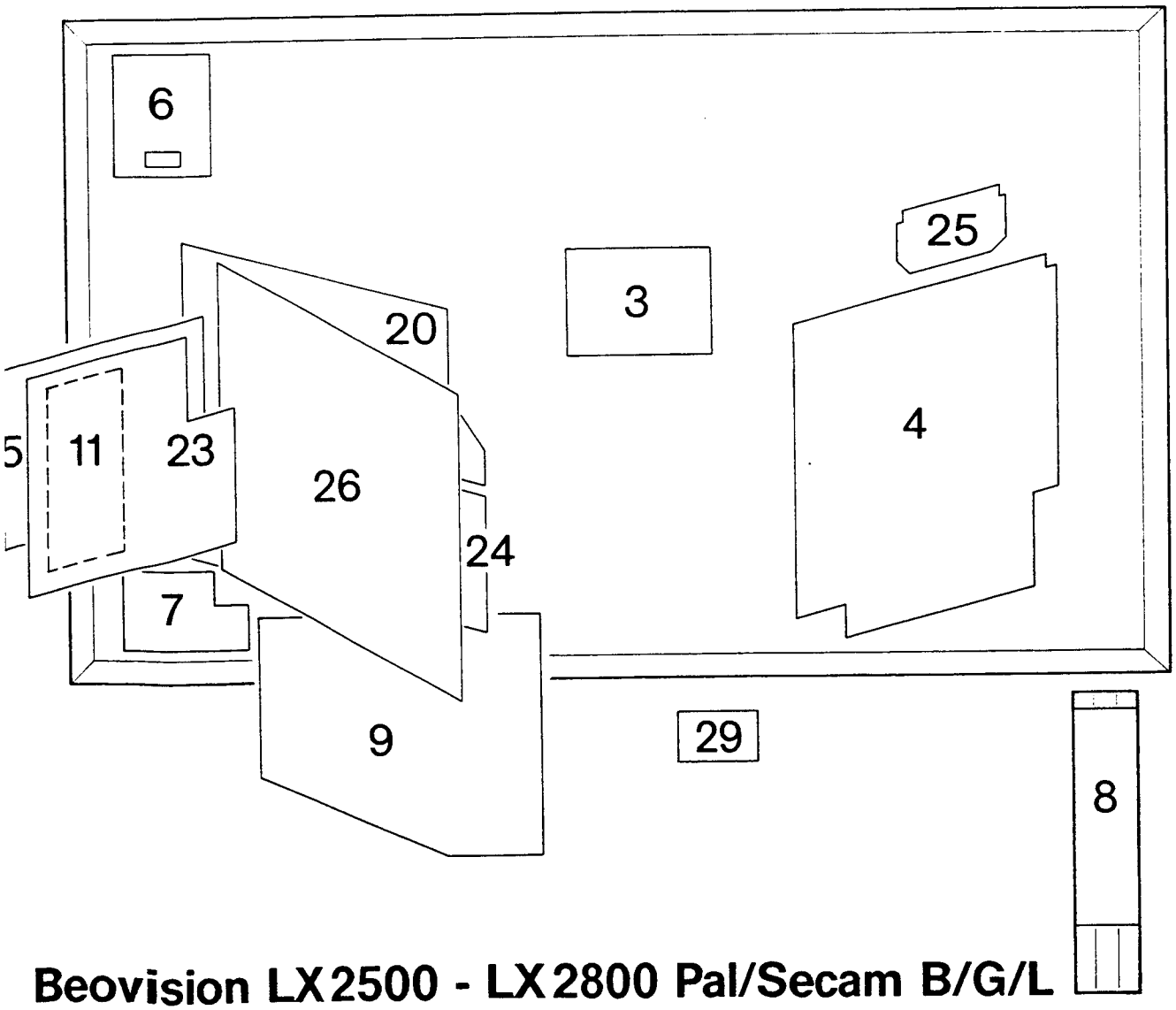


Beovision LX2500 - LX2800 Pal/Secam B/G/L

DIAGRAMFORKLARING

De enkelte diagramsider er foroven betegnet med et bogstav f.eks. DIAGRAM A.

Komponenttryk og koordinatsystem

PCB-enhederne er forsynet med komponenttryk og koordinatsystem på både print- og komponentside.

På diagrammerne er alle komponenter forsynet med positions- og koordinatnumre. D.v.s. fra diagrammet er man i stand til at finde en given komponent i et kredsløb på den rigtige PCB-enhed ved hjælp af disse numre.

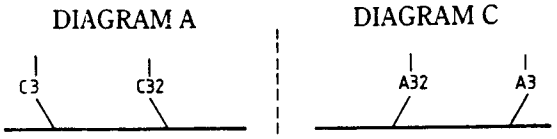
Tunings og microcomputere systemet på diagram A er gældende for både PAL og PAL/SECAM varianterne. Koordinatnumre uden parantes er gældende for PAL (PCB 1) og koordinatnumre i parantes på diagram A er gældende PAL/SECAM (PCB 9).

Ledningsforbindelser på diagrammerne

Nogle af ledningsforbindelserne på diagrammerne er samlet i »bundter«. Hver enkelt af disse ledninger er forsynet med en kode, der fortæller hvortil de går.

Intern forbindelse på en diagramside

Interne forbindelser på en diagramside er angivet med et tal, knækket på ledningen viser i hvilken retning den anden ende af ledningen findes (fig. 1).



Forbindelse til en anden diagramside

Forbindelser til en anden diagramside angives med et tal, samt bogstav betegnelsen på det diagram, forbindelsen går til (fig. 2).

Stedsymboler

Der anvendes tre forskellige stelsymboler i diagrammerne som vist.

= Stel der ikke er galvanisk adskilt fra lysnettet (anvendes på diagram F, PCB6).

= Stel

= Signalstel

KEY TO DIAGRAMS

Each individual diagram page is marked by a letter at the top, e.g. DIAGRAM A.

Component print and co-ordinate system

The PCB units have component print and co-ordinate system both on the print and on the component sides.

In the diagrams all components have position and co-ordinate numbers, with the result that it is possible to find a given component in a circuit on the correct PCB unit by means of these numbers.

The tuning and microcomputer system in diagram A are valid for PAL as well as PAL/SECAM variants. CO-ordinate numbers without brackets are valid for PAL (PCB1) and co-ordinate numbers in brackets in diagram A are valid for PAL/SECAM (PCB9).

Cable connections in the diagrams

Some of the cable connections in the diagrams are assembled in »bundles«.
Each individual cable has its own code which tells to where it leads.

Internal connection on a diagram page

Internal connections on a diagram page are indicated by a number. The break on the cable shows in what direction the other end of the cable is to be found (fig. 1).

Connection to another diagram page

Connections to another diagram page are indicated by a number together with the letter indication of the diagram to which the connection leads (fig. 2).

Ground symbols

Three different ground symbols are used in the diagrams:

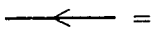
= Ground that is not galvanically separated from the mains. (Used in diagram F, PCB6).

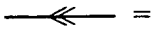
= Ground

= Signal ground

Signalveje og markering på IC'erne

Signalvejene er vist på diagrammerne ved hjælp af kraftigere optrukne streger og pile. Der anvendes tre forskellige typer pile som vist.

 = Video, luminans og chrominans signalerne.

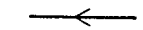
 = Lydsignal.

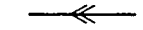
= Øvrige signaler.

Pilene der er vist på benene af IC'erne, fortæller om det pågældende ben er en ind- eller udgang.

Signal paths and IC markings

The signal paths are shown in the diagrams by mans of semibold lines and arrow heads. As shown, three different types of arrow head are used:

 = Video, luminance and chrominance signals

 = Sound signal

= Other signals

The arrow heads shown at the IC pins tell if the pin so indicated is an input or an output.

MÅLEBETINGELSER

Alle DC spændinger er målt i forhold til stel og med voltmeter med en indre modstand på mindst 2 Mohm.

DC spændinger og oscilloscopbilleder er målt i TV mode ved et VHF antennesignal på ca. 0,5 mV. Lys step 32, kontrast step 44 og farvemætning step 32.

DC spændinger på diagram D er målt ved tom bærebølge. volume step 45, balance, bas og diskant i step 0.

DC spændinger på diagram K er målt i text mode.

MEASURING CONDITIONS

Measure all DC voltages in relation to ground and with voltmeter with inner resistance of at least 2 Mohm.

Measure DC voltages and oscilloscope pictures in TV mode at an VHF aerial signal of approx. 0.5mV. Brilliance step 32, contrast step 44 and colour saturation step 32.

Measure DC voltages in diagram D at empty carrier wave. Volume step 45, balance bass and treble in step 0.

Measure DC voltages in diagram K in text mode.

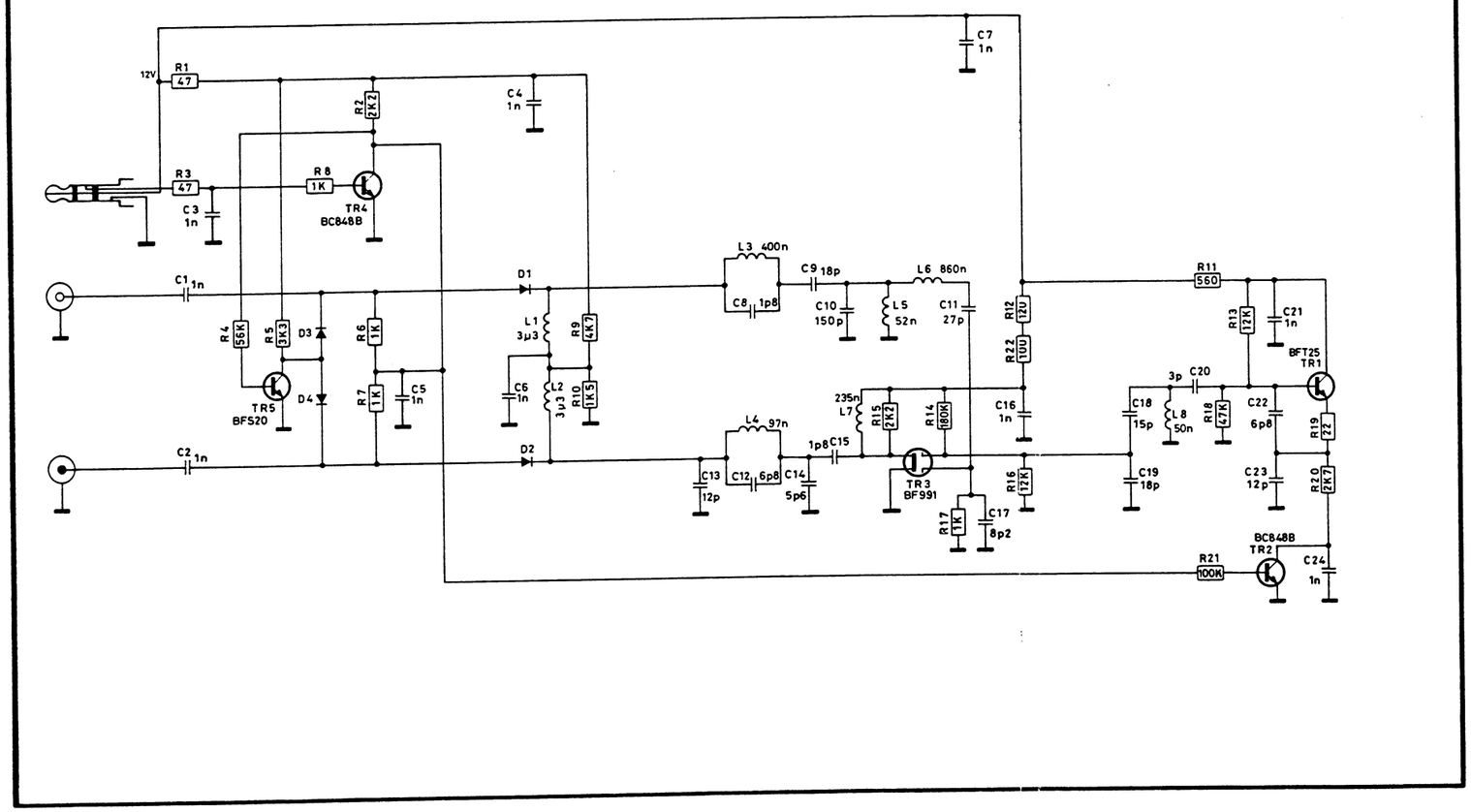
SYMBOL FOR SIKKERHEDSMODSTANDE

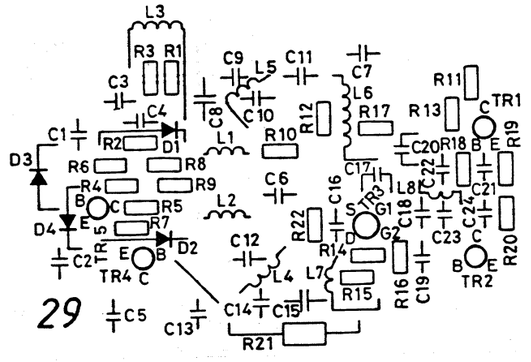
Ved udskiftning af komponenter med dette symbol skal der anvendes samme type, samt samme værdier for ohm og watt. Den nye komponent skal monteres på samme måde som den udskiftede.

SYMBOL FOR SAFETY RESISTORS

When replacing components with this symbol the same type has to be used, also the same values for ohm and watt. The new component is to be mounted in the same way as the replaced one.

29 8003719
Transpose





1-6 1-6

DIAGRAM A CONTROL, TUNER AND IF SYSTEM, IR RECEIVER

The control and tuning system in DIAGRAM A is valid for PCB1 (B/G-I) as well as for PCB9(B/G/L). In these circuits, this is indicated by the components having 2 co-ordinate nos. The co-ordinate nos. in the brackets are valid for PCB9.

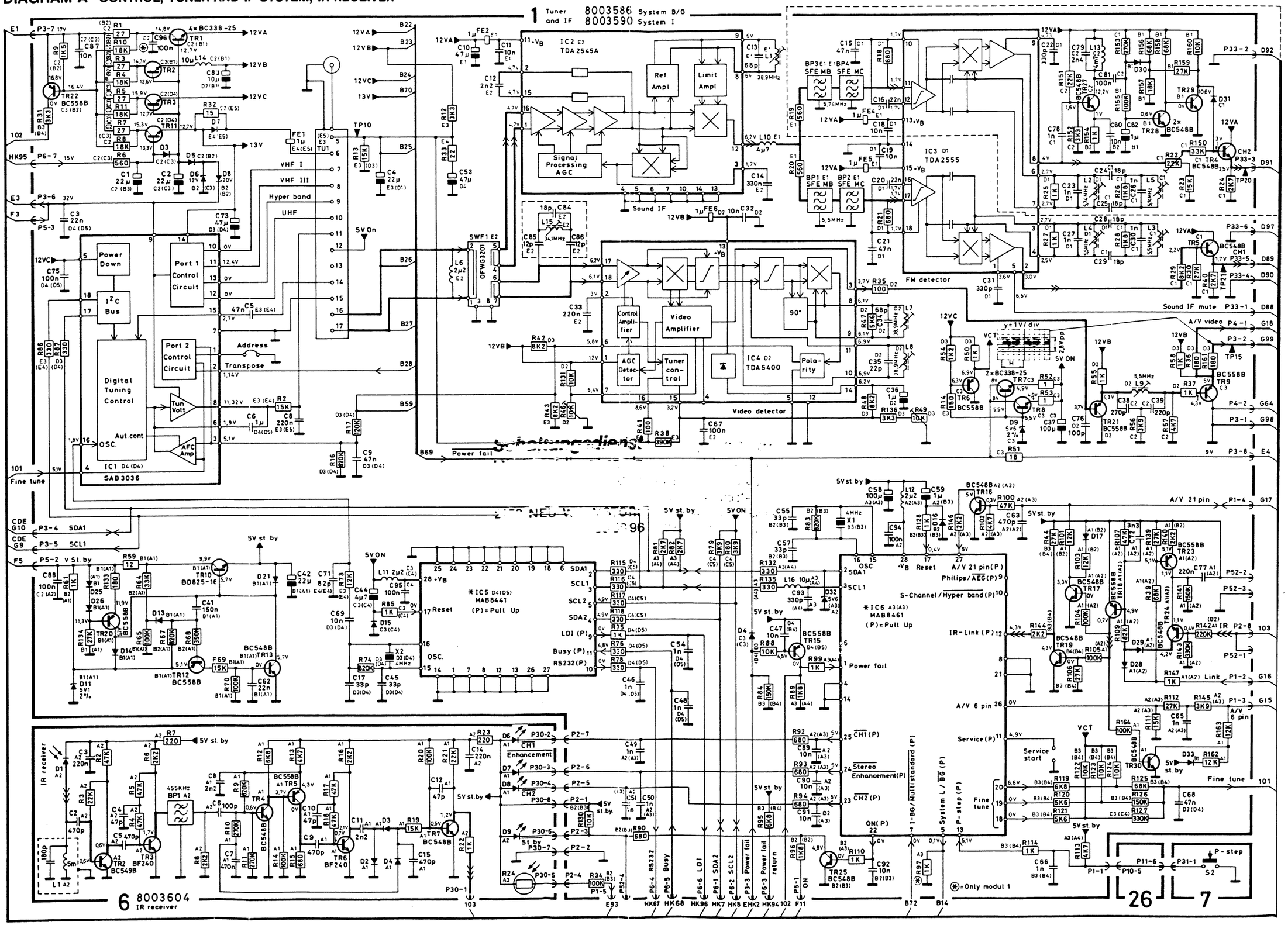


DIAGRAM B IF SYSTEM B/G/L (For CONTROL and TUNER system B/G/L see page 1-6)

9 8003612 Tuner and IF System L

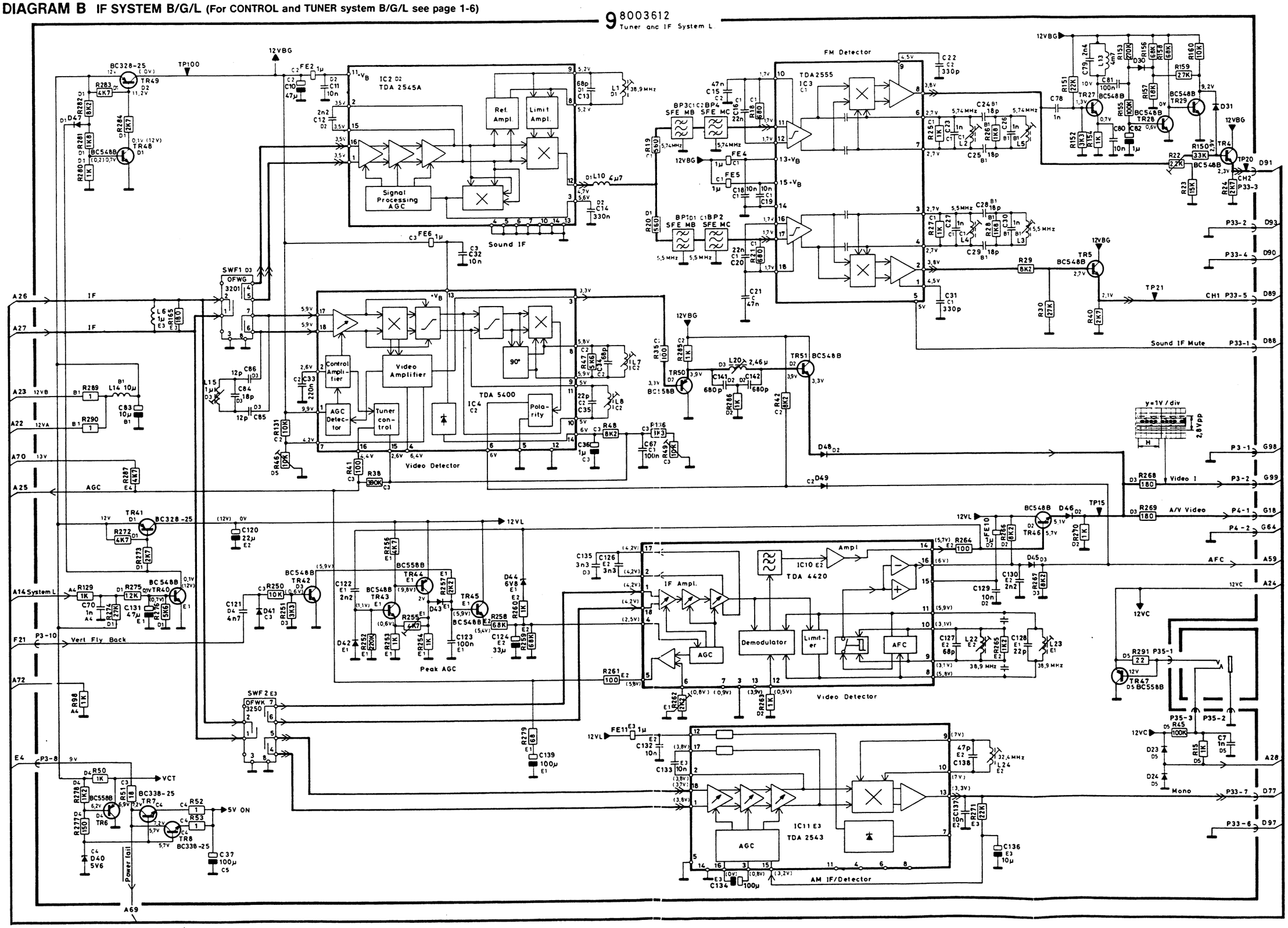


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DIAGRAM C PAL - PAL/SECAM DECODER, VIDEO OUTPUT

Components inside the dotte
The arrows marked with letters shows points which are short circuit in Pal decoder PCB21.

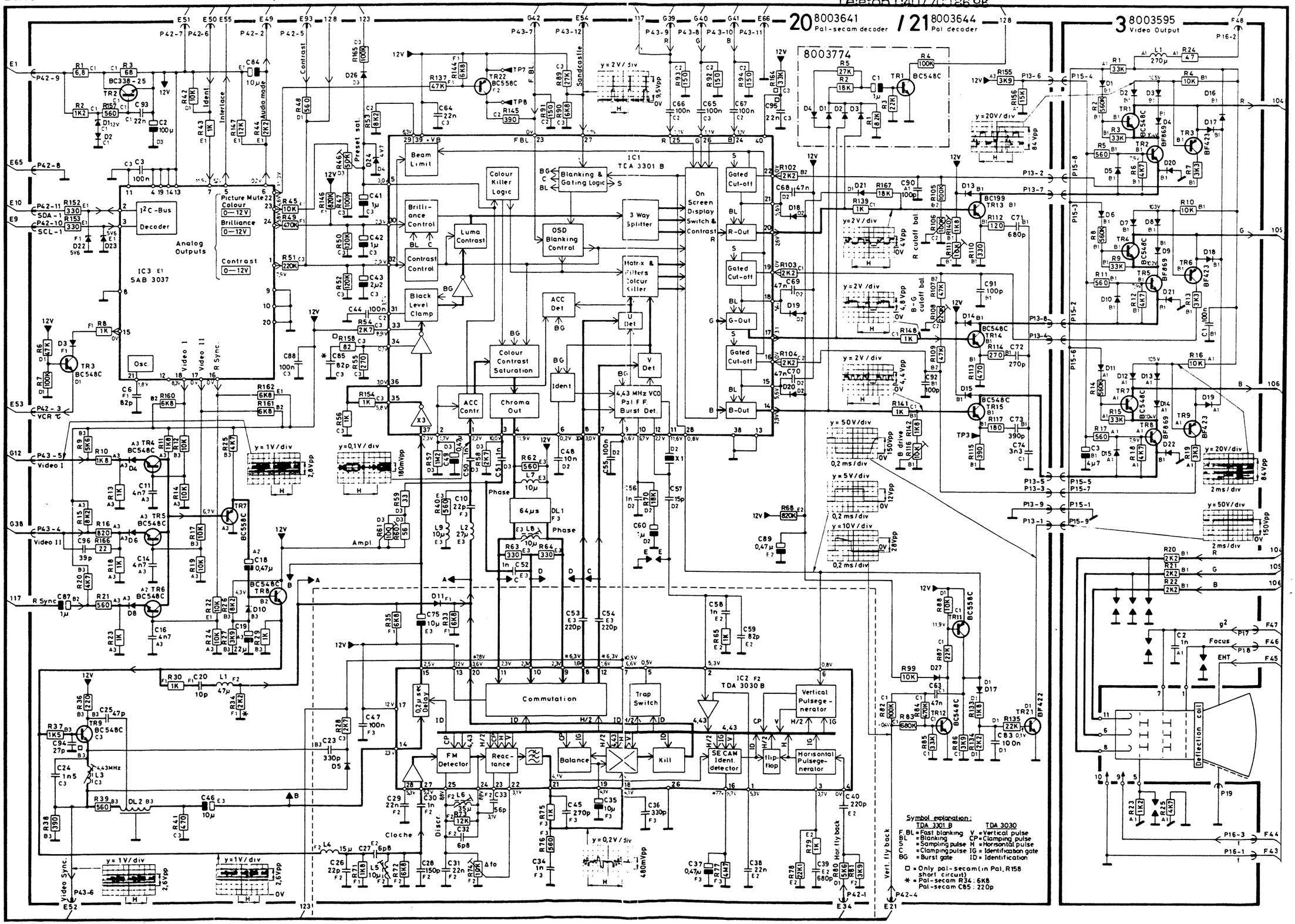


DIAGRAM D STEREO DECODER, SOUND CONTROLS (Function tables for IC's see page 1-12)

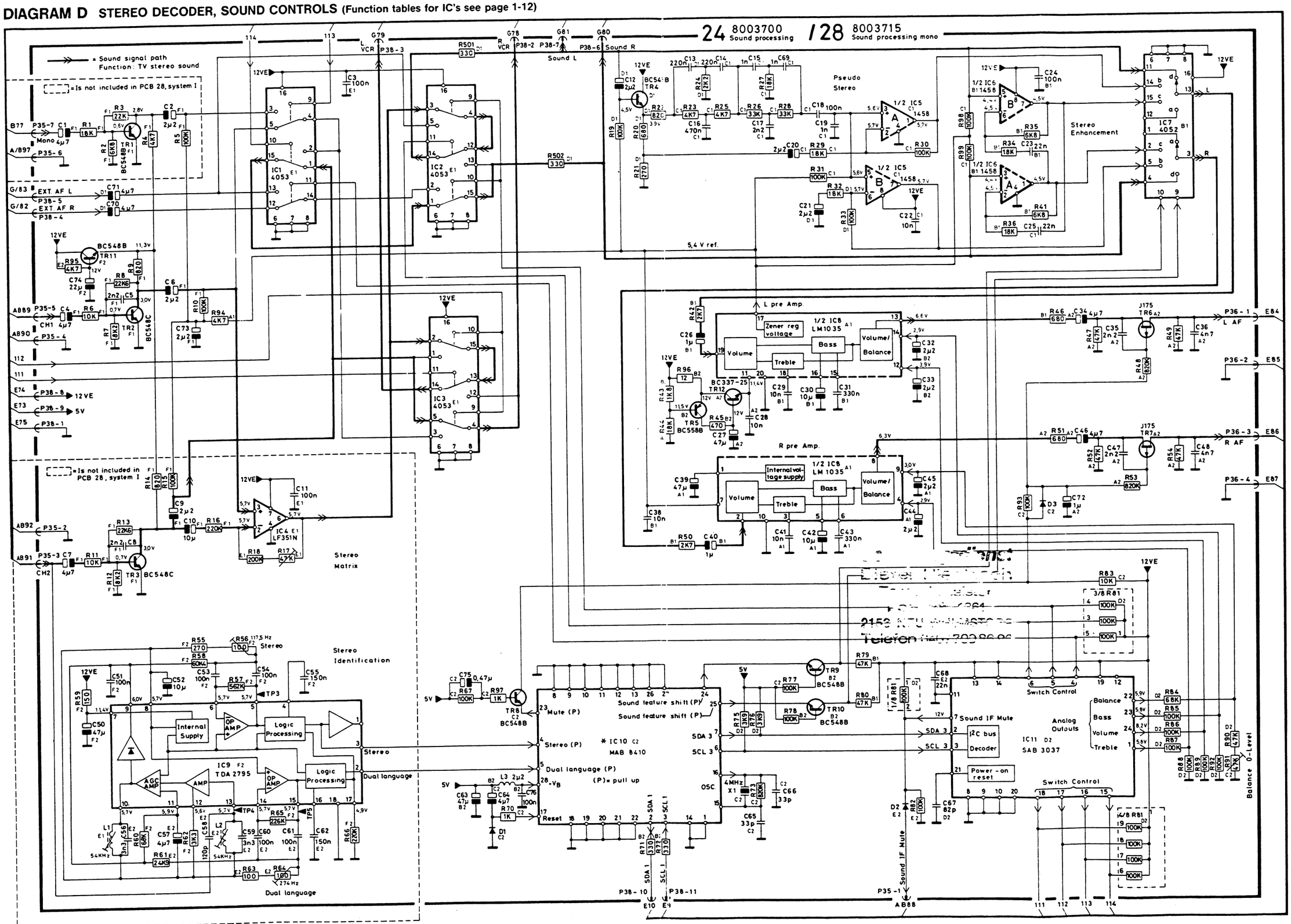


DIAGRAM E AF AMPLIFIER, HOR .OSC., VERT. OSC.

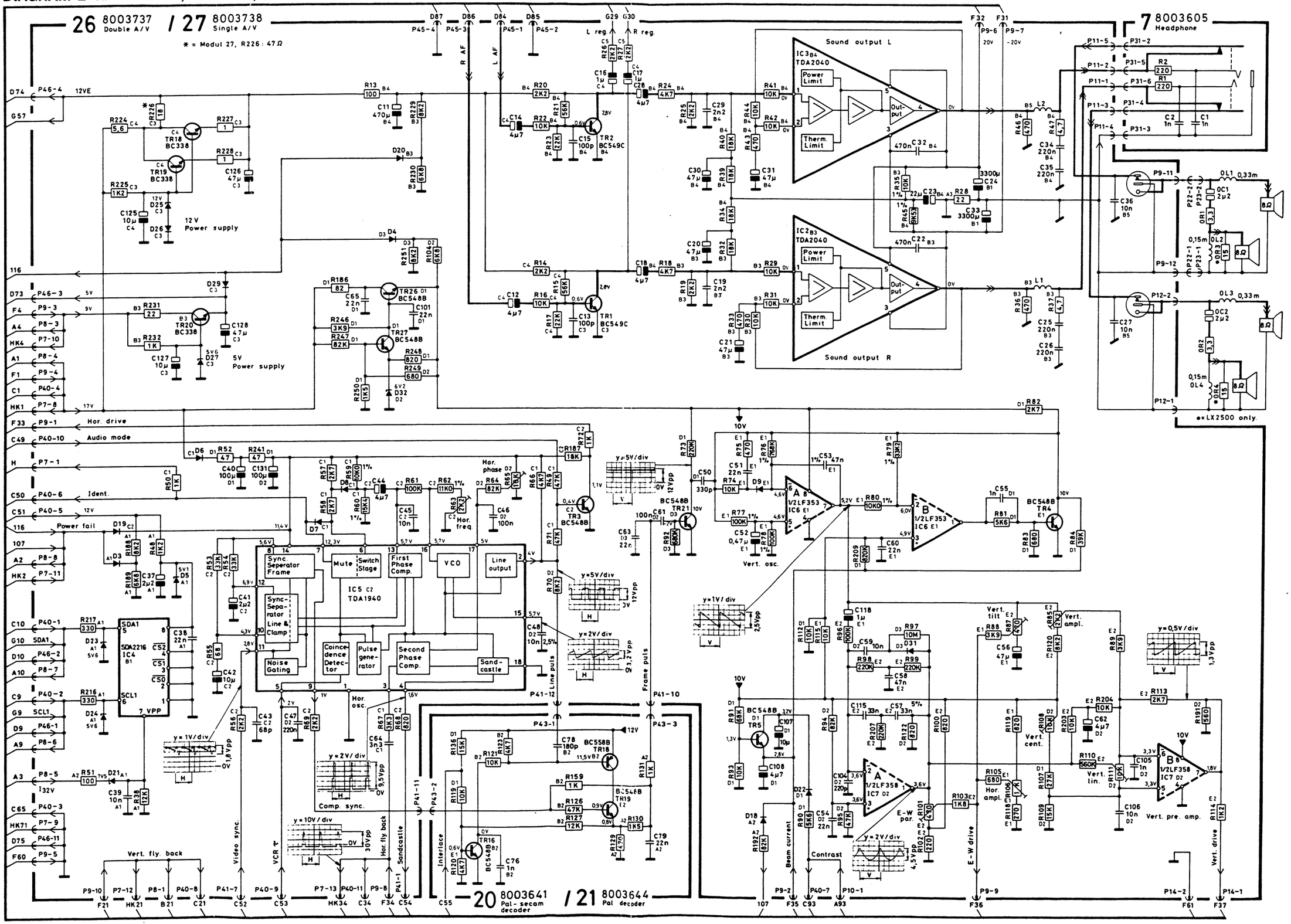


DIAGRAM F POWER SUPPLY, DEFLECTION

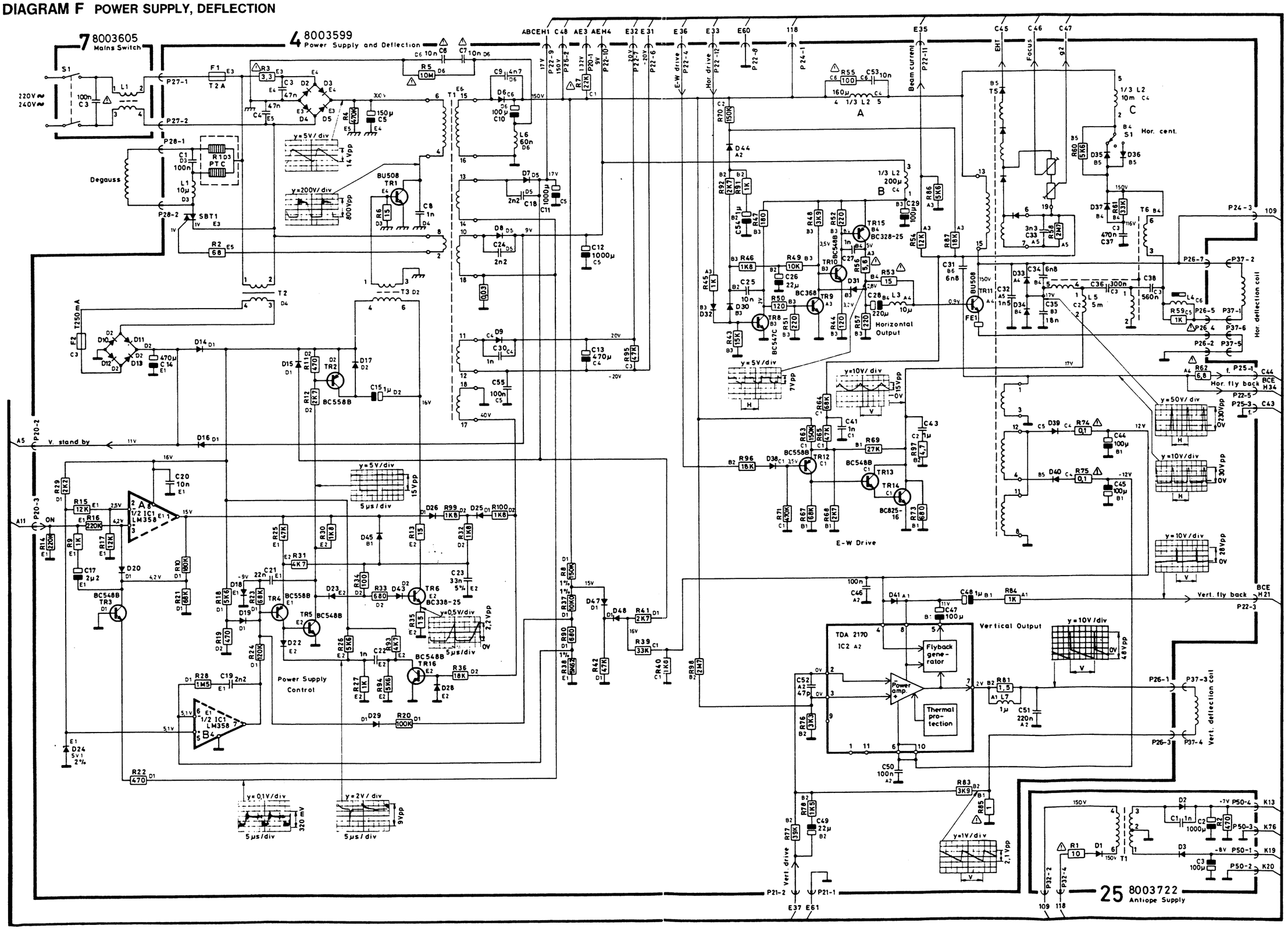
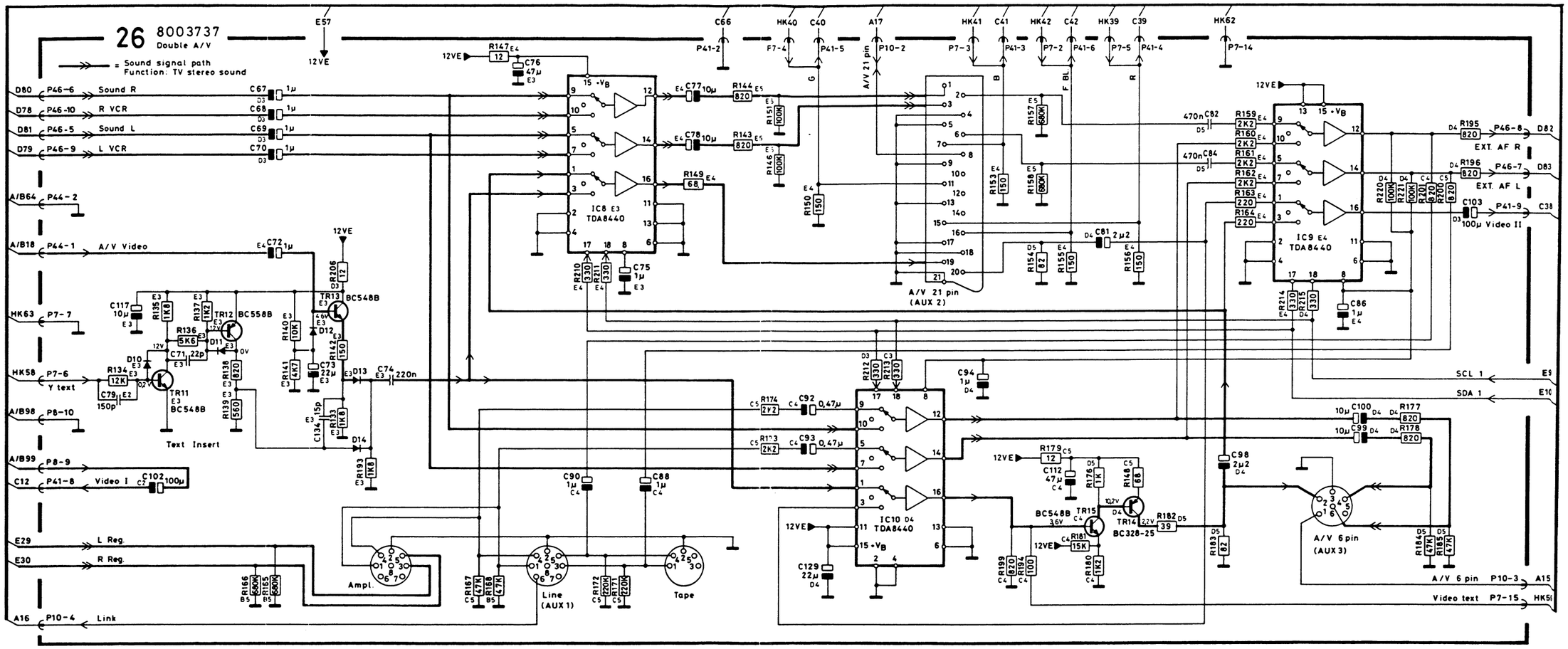


DIAGRAM G DOUBLE A/V CONNECTIONS



FUNCTION TABLES FOR SOUND PCB 24/28 PAGE 1-9

Function PCB24/28	Control Outputs Pins On IC 11							
	4	5	6	15	16	17	18	Signal Path for Sound Switching on PCB24/28
TV STEREO LEFT		H	L			L	H	IC2 Pin 3 →4 →12 →14 To VCR IC3 Pin 2 →15 →13 →14
TV STEREO RIGHT		H		H H		L		IC1 Pin 1 →15 →IC2 Pin 1 →15 To VCR IC1 Pin 1 →15 →IC3 Pin 5 →4
CH 1 MONO LEFT		H	H	L	L L	H	L	IC1 Pin 5 →4 →2 →15 →IC2 Pin 1 →15 →13 →14 To VCR IC1 Pin 5 →4 →IC3 Pin 3 →4 →12 →14
CH 1 MONO RIGHT		H		L	L L	H		IC1 Pin 5 →4 →2 →15 →IC2 Pin 1 →15 To VCR IC1 Pin 5 →4 →IC3 Pin 3 →4
CH 2 MONO LEFT		H	H	H		L	L	IC1 Pin 1 →15 →IC2 Pin 1 →15 →13 →14 To VCR IC3 Pin 5 →4 →12 →14
CH 2 MONO RIGHT		H		H		L		IC1 Pin 1 →15 →IC2 Pin 1 →15 To VCR IC3 Pin 5 →4
EXTERNAL SOUND SOURCE LEFT		L	L		L	H	H	IC2 Pin 5 →4 →12 →14 To VCR* IC1 Pin 5 →4 →IC3 Pin 3 →4 →12 →14
EXTERNAL SOUND SOURCE RIGHT	L	L			L	H		IC1 Pin 12 →14 →IC2 Pin 2 →15 To VCR* IC1 Pin 5 →4 →IC3 Pin 3 →4

*TV Mono CH1 to VCR

FUNCTION TABLE 24IC7 4052				
Function	Pin 9	Pin 10	Contact Left	Contact Right
Normal Sound	H	H	Pin 11—13	Pin 4—5
Stereo Enhancement	H	L	Pin 15—13	Pin 2—3
Pseudo Stereo	L	H	Pin 14—13	Pin 5—3

DIAGRAM H TELETEXT DECODER, DISPLAY (PCB 11 can be in the set only if there is no teletext decoder)

11 8003711 Display

10 8003727 S-D-GB 8 page
8003732 D-I-F 8 page
Teletext

IC1 4015 2x4 bit ser. par. shift register

IC2 MB88303 Display controller

IC1 SAA 5230 Video processor

SAA5240A = S-D-GB
SAA5240B = D-I-F
IC2 Computer controlled teletext

IC3 6264 Static RAM

Memory interface

Comp. sync. (VCS)
6MHz CLP (F6)
Sandcastle
Vert. fly back
Timing chain

Text data
Text CLP
Hamming OK
Data acquisition

Bus interface

Character generator

Sense "No input"
Sync. sep.
Polarity
Pulse gen.
Phase det.
VCO
Data slicer
Latches
Phase det.
Phase shifter
OSC ÷ 2
Gain switch
HF loss compensator

Power fail return
Power fail
Vert. fly back
Hor. fly back
Load display
Fast blank
Busy
Printer RS232
Video text
Y text
R5232 Data
SCL2
SDA2

DIAGRAM K ANTIOPE DECODER

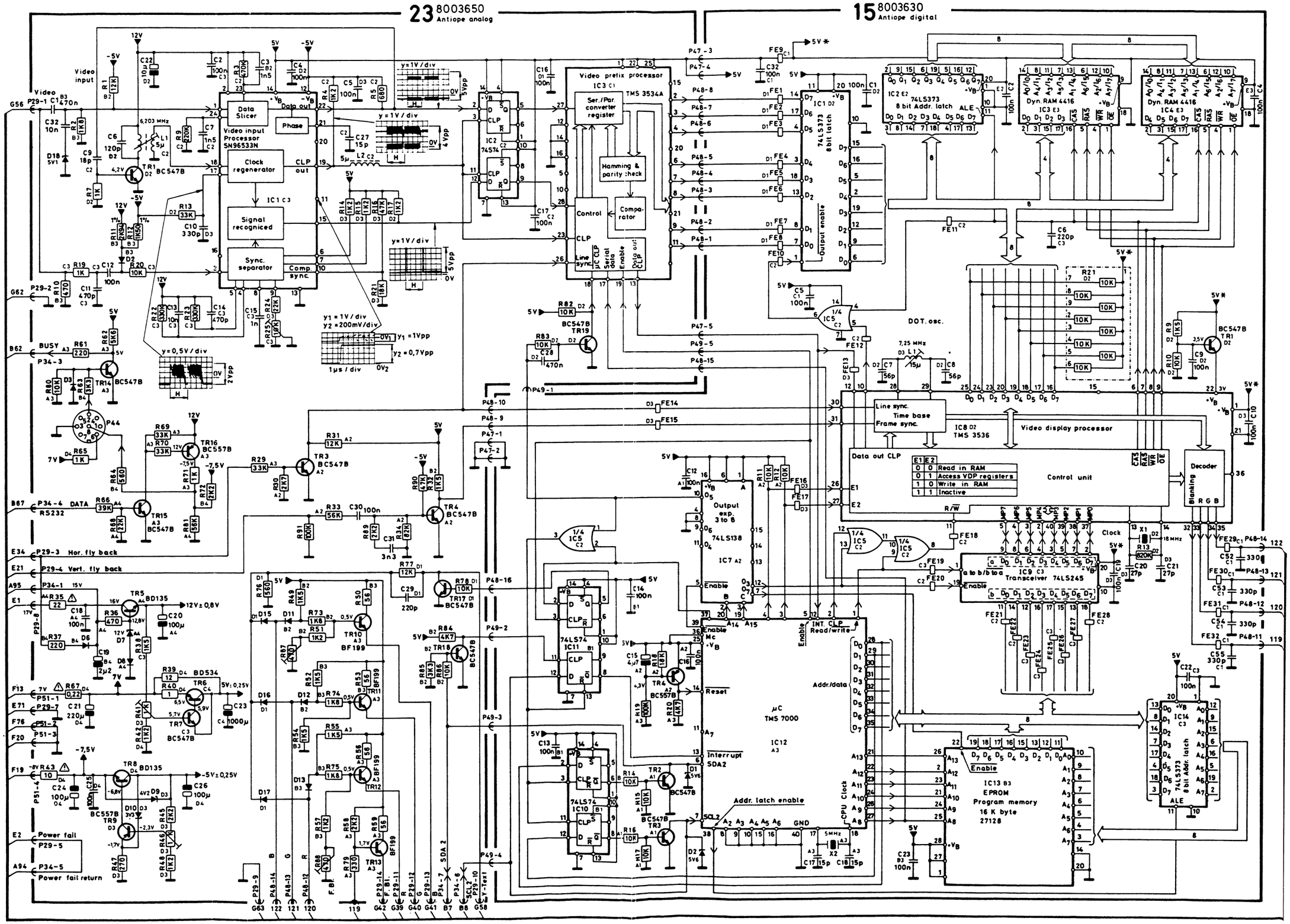
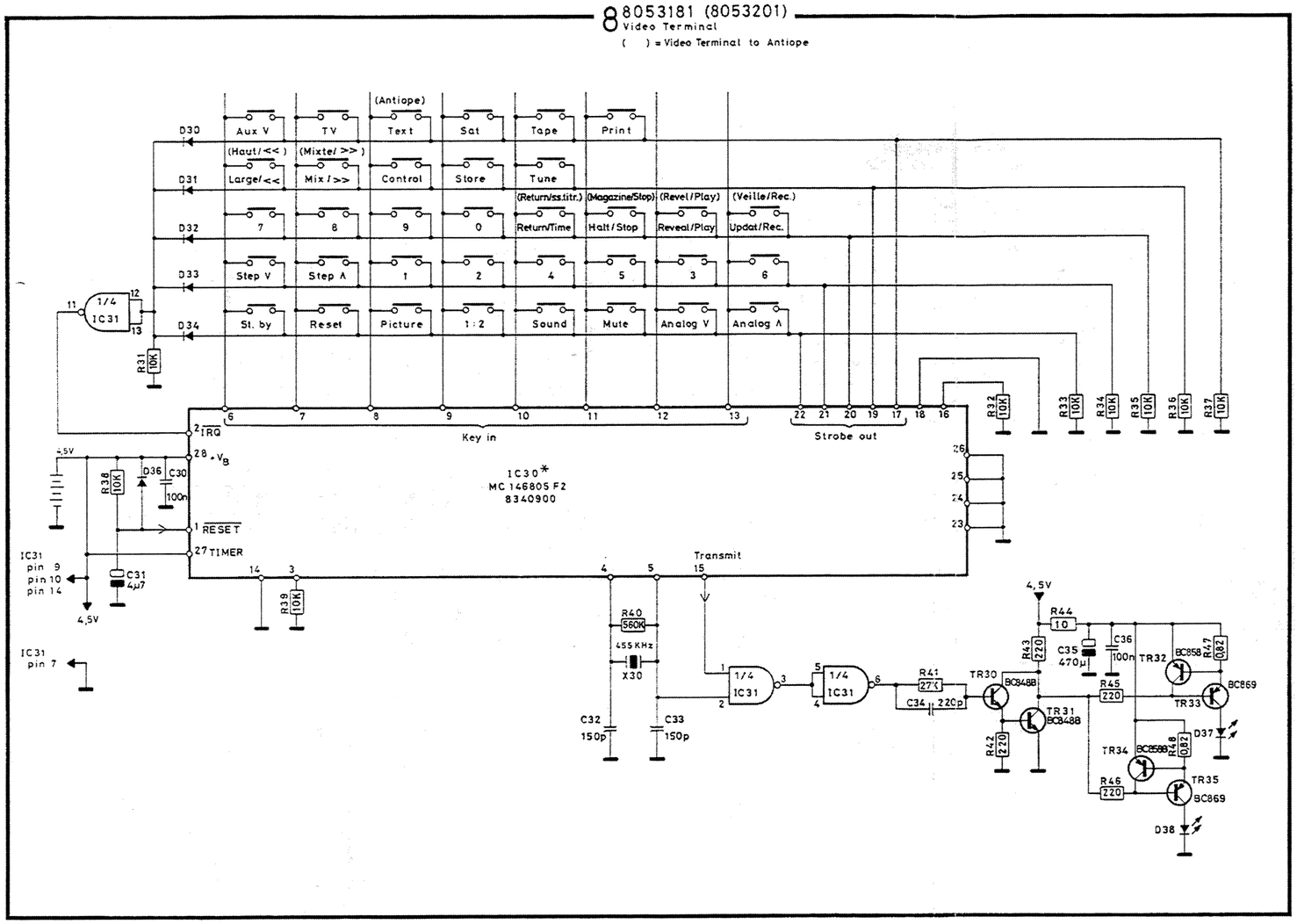
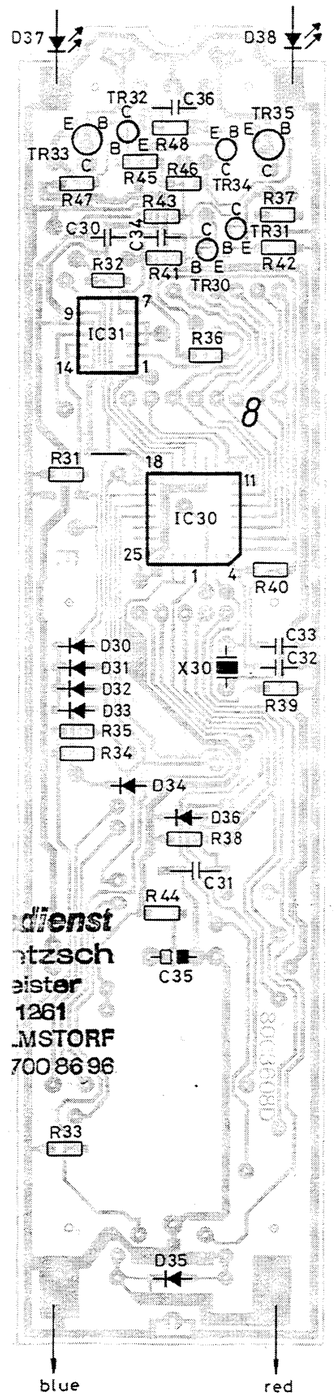


DIAGRAM J VIDEO TERMINAL





dienst
tzsch
eister
1261
.MSTORF
700 86 96

BLOCKDIAGRAM

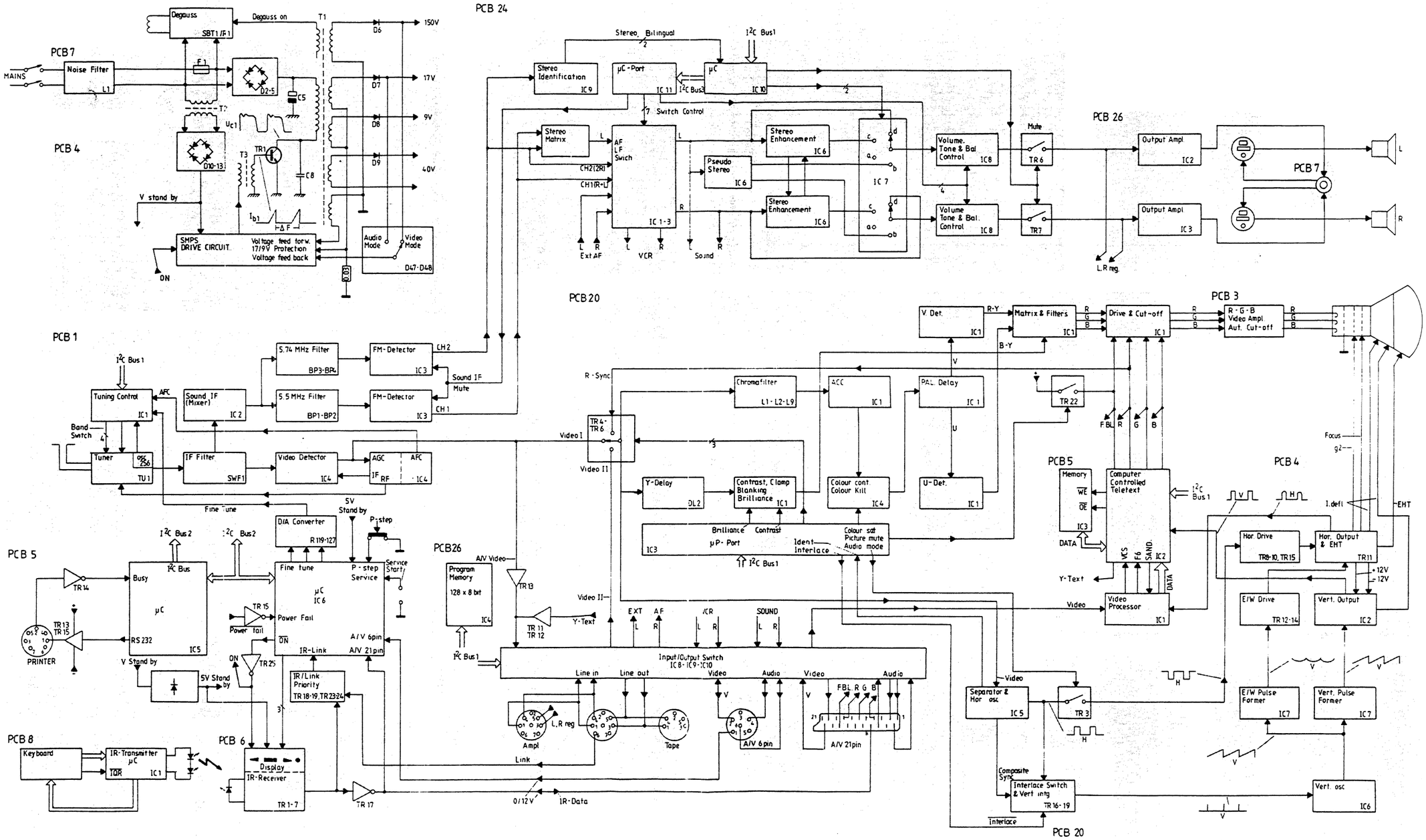
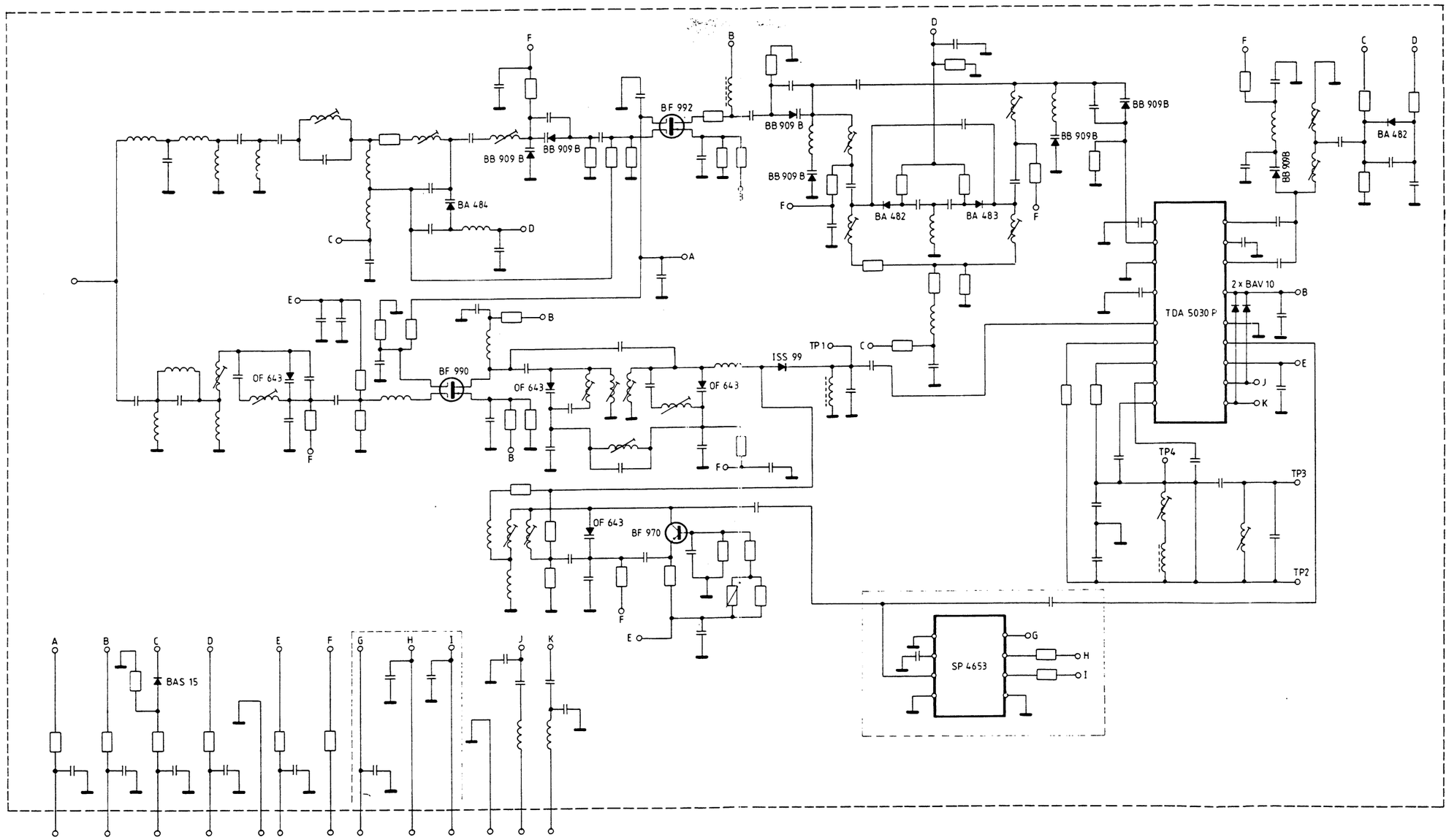
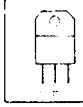
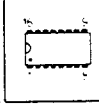
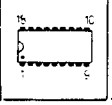
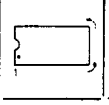
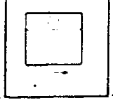
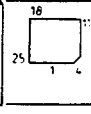


Diagram of 1TU1 VHF-S-UHF tuner (type UV618) 8050092



SEMI-CONDUCTORS
IC's

36	101	103	111	136	145	146	144
							

1IC1	8340714	**136**	SAB 3036
1IC2	8340496	**101**	TDA 2545 A
1IC3	8340713	**136**	TDA 2555
1IC4	8340712	**136**	TDA 5400
1IC5	8340723	**136**	MAB 8440
1IC6	8340715	**136**	MAB 8461
4IC1	8340569	**103**	LM 358N
		103	TDB 0158 DP
4IC2	8340717	**133**	TDA 2170
5IC1	8340720	**136**	SAA 5230
5IC2	8340719	**136**	SAA 5240A
5IC2	8340729	**136**	SAA 5240B
5IC3	8340718	**136**	HM 6116
8IC30	8340900	**144**	MC 1680 5F2
8IC31	8340858	**145**	74 HC 00
9IC1	8340714	**136**	SAB 3036
9IC2	8340496	**101**	TDA 2545 A
9IC3	8340713	**136**	TDA 2555
9IC4	8340712	**136**	TDA 5400
9IC5	8340723	**136**	MAB 8440
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9IC10	8340223	**111**	TDA 4420
9IC11	8340725	**136**	TDA 2543
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10IC2	8340719	**136**	SAA 5240A
10IC2	8340729	**136**	SAA 5240B
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		101	HEF 4015 BP
		101	MC 4015 BCA
11IC2	8340721		MB 88303
15IC1-2	8340663	**136**	N74LS 373N
		136	SN74LS 373N
15IC3-4	8340669	**136**	TMS 4416
15IC5	8340665	**136**	DM74LS 32N
		136	N74LS 32N
		136	SN74LS 32N
15IC7	8340666	**136**	DM74LS 138N
		136	N74LS 138N
		136	SN74LS 138N
15IC8	8320657	**136**	TMS 3536 NS
15IC9	8340664	**136**	DM74LS 245N
		136	N74LS 245N
		136	SN74LS 245N
15IC10-11	8340366	**136**	DM74LS 138N
		136	N74LS 138N
		136	SN74LS 138N
15IC12	8340656	**136**	TMS 7000 NL
15IC13	8340859	**136**	74LS356
15IC14	8340663	**136**	N74LS 373N
		136	SN74LS 373N
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20IC2	8340287	**136**	BF 381
20IC3	8340726	**136**	SAB 3037
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21IC2	8340726	**136**	SAB 3037
23IC1	8340659	**136**	SNX 96533N

23IC2	8340668	**136**	DM74S 74N
		136	N74S 74N
		136	SN74S 74N
23IC3	8340658	**136**	TMS 3534 ANS
24IC1-3	8340340	**101**	CD 4053 BCN
		101	HEF 4053 BP
		101	MC 14053 BCP
24IC4	8340168	**103**	LF 351N
		103	TL 071CP
24IC5-6	8340048	**103**	MC 1458 CP1
		103	MC 1458 N
		103	MC 1458 P
		103	SFC 2458 DC
24IC7	8340602	**101**	CD 4052 BC
		101	HEF 4052 BP
		101	MC 14052 BCP
24IC8	8340499	**136**	LM 1035N
24IC9	8340498	**111**	TDA 2795
24IC10	8340838	**136**	MAB 8410
24IC11	8340726	**136**	SAB 3037
26IC1	8340901	**136**	78L12
26IC2-3	8340500	**146**	TDA 2040
26IC4	8340716	**136**	TDA 2216
26IC5	8340462	**136**	TDA 1940
26IC6	8340195	**103**	LF 353
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		103	TL 072 CP
		103	UAF 772 TC
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		103	TDB 0158 DP
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		103	MC 1458N
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		103	SFC 2458 DC
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28IC10	8340838	**136**	MAB 8410
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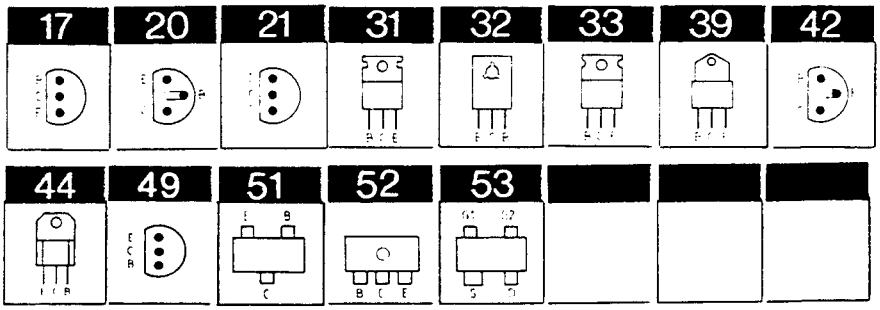
All IC's protected against static electricity

Transistors



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1TR18	8320104 **20**	BC 558B	4TR11	8320038 **39**	BU 508A
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3TR2	8320440 **44**	BF 869	5TR2	8320542 **44**	BD 825-16
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3TR5	8320440 **44**	BF 869	5TR7-12	8320108 **20**	BC 548B
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3TR7	8320108 **20**	BC 548B	5TR14-15	8320108 **20**	BC 548B

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6TR6	8320311 **42**	BF 240
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8TR32	8320616 **51**	BC 858B
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9TR4-5	8320108 **20**	BC 548B
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9TR10	8320542 **44**	BD 825-16
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9TR15	8320104 **20**	BC 558B
9TR16	8320108 **20**	BC 548B
9TR18	8320104 **20**	BC 558B
9TR19	8320108 **20**	BC 548B
9TR20-23	8320104 **20**	BC 558B
9TR24-29	8320108 **20**	BC 548B
9TR40		
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9TR42-43	8320108 **20**	BC 548B
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9TR50	8320104 **20**	BC 558B
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11TR3-7	8320108 **20**	BC 548B
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23TR6	8320369	**31**	BD 534
		33	BD 540A
23TR7	8320097	**20**	BC 547B
23TR8	8320239	**32**	BD 135/W
23TR9	8320152	**20**	BC 557B
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26TR1-2	8320221	**20**	BC 549C
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26TR13	8320108	**20**	BC 548B
26TR14	8320331	**20**	BC 328-25/18
26TR15	8320108	**20**	BC 548B
26TR18-20	8320329	**20**	BC 338-25/18
26TR21	8320108	**20**	BC 548B
28TR2	8320285	**20**	BC 548C
28TR4	8320108	**20**	BC 548B
28TR5	8320104	**20**	BC 558B
28TR6-7	8320466	**21**	J-175
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29TR1	8320670	**51**	BFT 25, BFS 17
29TR2	8320615	**51**	BC 848B
29TR3	8320671	**53**	BF991
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Diodes

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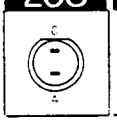	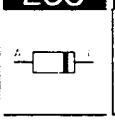	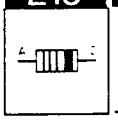		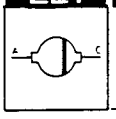	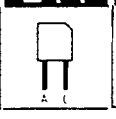		

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		209	ZPD 20V
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		209	BZX83B 5V6
		209	ZPD 20V
1D10	8300479	**209**	ZPD79B 5V1
1D11-17	8300058	**217**	SFD 184
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4D2-5	8300500	**209**	GP 15 J
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4D9	8300507	**221**	BYV 27-150
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4D25-30	8300058	**217**	SFD 184
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		209	ZPD 5.6V

9D33	8300058	**217**	SFD184
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		209	BZX83B 5V6
		209	ZPD 5.6V
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		209	BZX83B 5V6
		209	ZPD 5.6V
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		209	BZX83B 12
		209	ZPD 12V
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21D1	8300407	**209**	BZX79B 12
		209	BZX83B 12
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21D2-21	8300058	**217**	SFD 184
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21D22-23	8300128	**209**	BZX83C 4V7
21D24	8300036	**209**	BZX83C 4V7
23D1-2	8300212	**209**	1N4448
23D3-6	8300058	**217**	SFD 184
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23D7	8300407	**209**	BZX79B 12
		209	BZX83B 12
		209	ZPD 12V
23D8	8300212	**209**	1N4448
23D9-10	8300135	**209**	BZX79C 3V3
		209	BZX83B 3V3
		209	ZPD 3.3V
23D11-17	8300058	**217**	SFD 184
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24D1-3	8300058	**217**	SFD 184
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25D1	8300518	**209**	BYV 28-100
25D2	8300503	**221**	BA 157
25D3	8300534	**209**	RGP 10G

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26D6-20	8300058	**217**	SFD 184
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26D21	8300496	**209**	SB 24096
26D23-24	8300296	**209**	BZX79B 5V6
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26D25	8300407	**209**	BZX79B 12
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26D26	8300058	**217**	SFD 184
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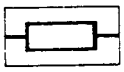
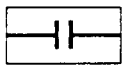
LIST OF ELECTRICAL PARTS

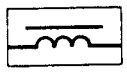
Resistors not mentioned are carbon film ± 5% 1/4W



0R1	5020803	3.3 Ω 5% 2W



0C1	4200560	2.2 µF 20%

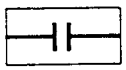


0L2	6850142	Coil 0.15 MH ± 0.54ohms
0L3	6850144	Coil 0.33 mH ± 0.8 Ω

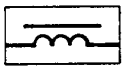
PCB 01,
8003586 Tuner and IF system B/G
8003590 Tuner and IF system I

R1	5010803	27 Ω 5% 1/2W	R47	5011157	3.9 kΩ 5% 1/8W
R3	5010803	27 Ω 5% 1/2W	R49	5370326	10 kΩ 20% 0.1W
R5	5010803	27 Ω 5% 1/2W	R51	5020727	18 Ω 5% 1W
R7	5010803	27 Ω 5% 1/2W	R59	5020701	12 kΩ 5% 1W
R22*	5370254	22 kΩ 20% 0.1W	R133	5011345	180 Ω 5% 1/2W
R46	5370326	10 kohms 20% 0.1W			

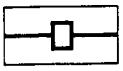
** only system B/G*



C1	4200488	22 µF 20% 25V	C47	4010041	10 nF -20+80% 40V
C2	4200488	22 µF 20% 25V	C48	4010027	1 nF 10% 63V
C3	4010076	22 nF -20+80% 40V	C49	4010027	1 nF 10% 63V
C4	4200544	22 µF 20% 16V	C50	4010027	1 nF 10% 63V
C5	4130210	47 nF 20% 63V	C51	4010027	1 nF 10% 63V
C6	4130136	1 µF 20% 100V	C53	4200330	100 µF 25V
C8	4130215	220 nF 20% 63V	C54	4010027	1 nF 10% 63V
C9	4130210	47 nF 20% 63V	C55	4000153	33 pF 5% 63V
C10	4200483	47 µF 20% 16V	C57	4000153	33 pF 5% 63V
C11	4010041	10 nF -20+80% 40V	C58	4200330	100 µF -10+50% 10V
C12	4010061	2.2 nF 10% 63V	C59	4200426	1 µF 20% 50V
C13	4000197	68 pF 5% 63V	C62	4010076	22 nF -20+80% 40V
C14	4130171	330 nF 20% 63V	C63	4010024	470 pF 10% 63V
C15*	4130210	47 nF 20% 63W	C65	4010027	1 nF 10% 63V
C16*	4010076	22 nF -20+100% 40V	C66	4010027	1 nF 10% 63V
C17	4000153	33 pF 5% 63V	C67	4130179	100 nF 20% 63V
C18	4010041	10 nF -20+80% 40V	C68	4130210	47 nF 20% 63V
C19	4010041	10 nF -20+80% 40V	C69	4010041	10 nF -20+80% 40V
C20	4010076	22 nF -20+80% 40V	C71	4000230	82 pF 5% 63V
C21	4130227	47 nF 20% 63V	C72	4010111	3.3 nF 10% 63V
C22*	4000227	330 pF 5% 63V	C73	4200483	47 µF 20% 16V
C23*	4100236	1 nF 5% 63V	C75	4130306	100 nF 10% 63V
C24*	4000136	22 pF 5% 63V	C76	4000069	100 pF 5% 63V
C25*	4000136	22 pF 5% 63V	C77	4130308	22 nF 10% 63V
C26*	4100236	1 nF 5% 63V	C78*	4010027	1 nF 10% 63V
C27	4100236	1 nF 5% 63V	C79*	4100264	2.4 nF 2.5% 40V
C28	4000136	22 pF 5% 63V	C80*	4010041	10 nF -20+80% 40V
C29	4000136	22 pF 5% 63V	C81*	4130306	100 nF 10% 63V
C30	4100236	1 nF 5% 63V	C82*	4010041	10 nF -20+80% 40V
C31	4000227	330 pF 5% 63V	C83	4200431	10 µF 20% 16V
C32	4010041	10 nF 20% 100V	C84*	4000167	18 pF 5% 63V
C33	4130104	220 nF 20% 100V	C85*	4000164	12 pF 5% 63V
C34	4000019	68 pF 5% 63V	C86*	4000164	12 pF 5% 63V
C35	4000313	22 pF 5% 63V	C87	4010041	10 nF -10+80% 40V
C36	4200426	1 µF 20% 50V	C88	4130306	100 nF 10% 63V
C37	4200330	100 µF -10+50% 10V	C89	4010142	10 nF -20+80% 40V
C38	4100246	270 pF 5% 63V	C90	4010142	10 nF -20+80% 40V
C39	4100234	220 pF 5% 63V	C91	4010142	10 nF -20+80% 40V
C41	4130232	150 nF 20% 63V	C92	4010142	10 nF -20+80% 40V
C42	4200488	22 µF 20% 25V	C93	4010065	330 pF 10% 63V
C44	4200322	4.7 µF -10+50% 63V	C94	4030027	100 nF 20% 5V
C45	4000153	33 pF 5% 63V	C95	4030027	100 nF 20% 5V
C46	4010027	1 nF 10% 63V	C96	4130179	100µ 20% 63V

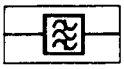


L1	8020539	Coil 38.9 MHz	L9	8020540	Coil 5.5 MHz
L2*	8020537	Coil 5.5 MHz	L10	8020565	Coil 2.2 µH
L3	8020537	Coil 5.5 MHz	L11	8020565	Coil 2.2 µH
L4	8020537	Coil 5.5 MHz	L12	8020565	Coil 2.2 µH
L5*	8020537	Coil 5.5 MHz	L13*	8022250	Coil 4.7 MH
L6	8020565	Coil 2.2 µH	L14	8020552	Coil 10 µH
L7	8020539	Coil 38.9 MHz	L15*	8020619	Coil 1 µH
L8	8020589	Coil 38.9 MHz	L16	8020552	Coil 10 µH



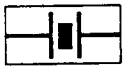
FE1	6710008	Ferrite core	FE3	6710008	Ferrite core
FE2	6710008	Ferrite core	FE4	6710008	Ferrite core

TU1	8050092	Tuner S-kanal

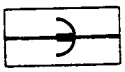


BP1	8030021	5.5 MHz	BP3*	8030028	5.74 MHz ± 75 KHz
BP2	8030026	5.5 MHz ± 50KHz	BP4*	8030029	5.74 MHz ± 75 KHz

SWF1	8030027	Filter 38.9/33.4 MHz (system B/G)
SWF1	8030032	Filter (system I)



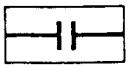
X1	8090053	Crystal 4 MHz
X2	8090053	Crystal 4 MHz



P1	7220427	Plug 5/5 pol	P6	7220416	Plug 6/6 pol
P2	7220430	Plug 8/8 pol	P33	7220429	Plug 7/7 pol
P3	7220432	Plug 10/10 pol	P52	7220426	Plug 4/4 pol
P4	7220424	Plug 2/2 pol		7220134	Plug 2/2 pol
P5	7220425	Plug 3/3 pol			

PCB 3, 8003595, Video Output

R4	5020821	10 kΩ 5% 1W	R21	5001167	2.2 kΩ 10% 1/2W
R10	5020821	10 kΩ 5% 1W	R22	5001167	2.2 kΩ 10% 1/2W
R16	5020821	10 kΩ 5% 1W	R23	5010806	1.2 kΩ 5% 1/3W
R20	5001167	2.2 kΩ 10% 1/2W			

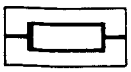


C1	4130103	100 nF 20% 250V
C2	4010085	1 nF -20+50% 2kV
C3	4200477	4.7 µF 20% 25V

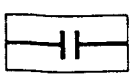
L1	8020590	Coil 270 µH 10%

P15	7220431	Plug 9/9 pol.
P16	7220425	Plug 3/3 pol.
	7500152	Contact pin
	7200062	Billedrørsfatning
		Socket for picture tube
		Fassung für Bildröhre

PCB 4, 8003599, Power Supply and Deflection

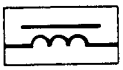


R1	5230009	PTC 40+1000 Ω 265V	R55	5020735	100 Ω 2W
R3	5100337	3,3 Ω 9W	R56	5020783	5.6 Ω 5% 2W
R4	5011065	470 kΩ 5% 1/2W	R58	5020733	2.7 MΩ 5% 1W
R5	5011209	10 Mohms5% 1/2W	R59	5020713	1 kΩ 1/2W
R7	5020794	22 kΩ 5% 2W	R62	5020612	1 kΩ 1/2W
R28	5011071	1,5 MΩ 5% 1/2W	R73	5020765	680 Ω 5% 1W
R32	5010700	3.9 kΩ 5% 1/2W	R74	5020499	0.1 Ω 0.4W
R47	5011016	180 kΩ 5% 1/2W	R75	5020499	0.1 Ω 0.4W
R53	5020448	15 Ω 5% 2W	R85	5020784	1 Ω 5% 1W

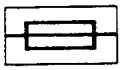


C1	4130098	100 nF 20% 400V	C15	4200426	1 µF 20% 50V
C2	4200480	22 µF 20% 10V	C17	4200423	2.2 µF 20% 50V
C3	4130169	47 nF 20% 250V	C18	4010061	2.2 nF 10% 63V
C4	4130169	47 nF 20% 250V	C19	4010061	2.2 nF 10% 63V
C5	4200609	150 µF 20% 385V	C20	4010041	10 nF -20+80% 40V
C6	4130322	10 nF 20% 400V	C21	4010076	22 nF-20+80% 40V
C7	4130322	10 nF 20% 400V	C22	4010027	1 nF 10% 63V
C8	4130321	4.7 nF 20% 630V	C23	4130328	33 nF 5% 63V
C9	4130221	4,7 nF 20% 63V	C24	4010061	2.2 nF 10% 63V
C10	4200607	100 µF 20% 250V	C25	4130214	10 nF 20% 63V
C11	4200612	1000 µF 20% 25V	C26	4200480	22 µF 20% 10V
C12	4200612	1000 µF 20% 25V	C27	4010027	1 nF 10% 36V
C13	4200610	470 µF 20% 63V	C28	4200126	220 µF -10+100% 16V
C14	4200611	270 µF 20% 25V	C29	4200129	100 µF -20+50% 16V

C30	4010123	1 nF 10% 50V	C45	4201082	100 µF -10+100% 40V
C31	4130372	6.8 nF 20% 400V	C46	4130179	100 nF 20% 63V
C32	4130350	1.5 nF 10% 1500V	C47	4201082	100 µF -10+100% 40V
C33	4010160	3.3 nF -20+50% 2 kV	C48	4200426	1 µF 20% 50V
C34	4130323	6.8 nF 5% 1500V	C49	4200480	22 µF 20% 10V
C35	4130325	18 Nf 5% 630V	C50	4130179	100 nF 20%50V
C36	4130349	300 nF 5% 250V	C51	4130215	220 nF 20% 63V
C37	4130029	470 nF 10% 250V	C52	4000193	47 pF 5% 63V
C38	4130326	560 nF 5% 250V	C53	4130081	10 nF 20% 250V
C41	4010027	1 nF 10% 63V	C54	4200426	1 µF 20% 50V
C43	4130136	1 µF 20% 100V	C55	4130179	100 nF 20% 63V
C44	4201082	100 µF -10+100% 40V			

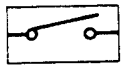


L1	8020325	Coil 10 µH	L5	8024046	Coil
L2	8020564	Coil 160µH-200µH-10MH	L6	6850158	Coil
L3	8020325	Coil 10 µH	L7	6850127	Coil 1.2 µH
L4	8024045	Coil			

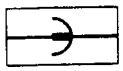


F1	6600009	Fuse 2A-T/250V
F2	6600000	Fuse 250 MAT IEC 127

T1	8014078	Trafo	T5	8014073	Trafo
T2	8013350	Trafo	T6	8014074	Trafo
T3	8014077	Trafo			



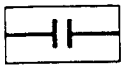
S1	7400038	Switch 2 pol.



P20	7220412	Plug 3/3 pol	7500013	Contact pin
P21	7220279	Plug 2/2 pol		
P22	7220421	Plug 12/12 pol	3358217	Heatsink
P23	7220441	Plug 2/2 pol	3358518	Heatsink
P24	7220425	Plug 3/3 pol	7500223	Fuse holder
P25	7220412	Plug 3/3 pol		
P26	7220416	Plug 7/7 pol		
P27	7220406	Plug 2/2 pol		

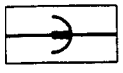
PCB 6, 8003604,
IR-Receiver and Led's

R24	5210012	Foto 28 kΩ



C2	4010024	470 pF 10% 63V	C9	4010024	470 pF 10% 63V
C3	4130215	220 nF 20% 63V	C10	4000193	47 pF 5% 63V
C4	4000193	47 pF 5% 63V	C11	4010061	2.2 nF 10% 63V
C5	4010024	470 pF 10% 63V	C12	4000193	47 pF 5% 63V
C6	4000069	100 pF 5% 63V	C14	4130215	220 nF 20% 63V
C7	4130313	470 nF 20% 63V	C15	4010024	470 pF 10% 63V
C8	4010061	2.2 nF 10% 63V			

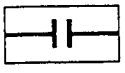
L1	8020562	Coil 455 KHz



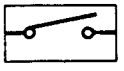
P30	7220430	Plug 6/6 pol	3302427	Screen
			33022428	Screen

PCB 7, 8003605,
Headphone

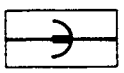
R1	5020460	220 Ω 5% 1W
R2	5020460	220 Ω 5% 1W



C1	4010027	1 nF 10% 63V
C2	4010027	1 nF 10% 63V
C3	4130380	100 nF 250V

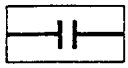


S1	7400318	Switch 1 pol



P31	7220428	Plug 6/6 pol
	7210428	Jack plug

PCB 8, 8003608, Video Terminal



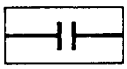
R31	5011272	10 kΩ 5% 1/8W	R40	5011288	560 kΩ 5% 1/8W
R32	5011272	10 kΩ 5% 1/8W	R41	5011271	27 kΩ 5% 1/8W
R33	5011272	10 kΩ 5% 1/8W	R42	5011194	220 Ω 5% 1/8W
R34	5011272	10 kΩ 5% 1/8W	R43	5011194	220 Ω 5% 1/8W
R35	5011272	10 kΩ 5% 1/8W	R44	5011295	10 Ω 5% 1/8W
R36	5011272	10 kΩ 5% 1/8W	R45	5011194	220 Ω 5% 1/8W
R37	5011272	10 kΩ 5% 1/8W	R46	5011194	220 Ω 5% 1/8W
R38	5011272	10 kΩ 5% 1/8W	R47	5011281	0.82 Ω 5% 1/4W
R39	5011272	10 kΩ 5% 1/8W	R48	5011281	0.82 Ω 5% 1/4W

C30	4010166	100 nF -20+80% 50V	C34	4000321	220 pF 5% 50V
C31	4200635	4.7 µF 20% 16V	C35	4200664	470 µF 20% 6.3V
C32	4000229	150 pF 5% 50V	C36	4010166	100 nF -20+80% 50V
C33	4000229	150 pF 5% 50V			

X30	8030024	Crystal 455 KHz ± 1 KHz

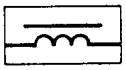
PCB 9, 8003612, Timer and IF System L.

R1	5010803	27 Ω 5% 1/2W	R51	5020727	18 Ω 5% 1W
R3	5010803	27 Ω 5% 1/2W	R59	5020701	12 Ω 5% 1W
R5	5010803	27 Ω 5% 1/2W	R60	5020797	68 Ω 5% 1W
R7	5010803	27 Ω 5% 1/2W	R133	5011016	180 Ω 5% 1/2W
R22	5370254	22 kΩ 20% 0.1W	R255	5370324	4.7 kΩ 20% 0.1W
R46	5370326	10 kΩ 20% 0.1W	R262	5370325	2.2 kΩ 20% 0.1W
R49	5370326	10 kΩ 20% 0.1W			

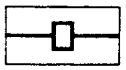


C1	4200488	22 µF 20% 25V	C58	4200330	100 µF -10+50% 10V
C2	4200488	22 µF 20% 25V	C59	4200426	1 µF 20% 50V
C3	4010076	22 nF -20+80%40V	C62	4010076	22 nF-20+100% 40V
C4	4200544	22 µF 20% 16V	C63	4010024	470 pF 10% 63V
C5	4130210	47 nF 20% 63V	C65	4010027	1 nF 10% 63V
C6	4130376	1 µF 20% 63V	C66	4010027	1 nF 10% 63V
C7	4010027	1 nF 10% 63V	C67	4130179	100 nF 20% 63V
C8	4130215	220 nF 20% 36V	C68	4130210	47 nF 20% 63V
C9	4130210	47 nF 20% 63V	C69	4010041	10 nF -20+80% 40V
C10	4200483	47 µF 20% 16V	C70	4010027	1 nF 10% 63V
C11	4010041	10 nF -20+80% 40V	C71	4000230	82 pF 5% 63V
C12	4010061	2.2 nF 10% 63V	C72	4010111	3.3 nF 10% 63V
C13	4000197	68 pF 5% 63V	C73	4200483	47 µF 20% 16V
C14	4130171	330 mF 20% 63V	C75	4130179	100 nF 20% 63V
C15	4130210	47 nF 20% 63V	C77	4130215	220 nF 20% 63V
C16	4010076	22 nF -20+80%40V	C78	4010027	1 nF 10% 63V
C17	4000153	33 pF 5% 63V	C79	4100264	2.4 nF 2.5% 63V
C18	4010041	10 nF -20+80% 40V	C80	4010041	10 nF -20+80% 40V
C19	4010041	10 nF -20+80% 40V	C81	4130179	100 nF 20% 63V
C20	4010076	22 nF -20+80% 40V	C82	4130171	330 nF 20% 63V
C21	4130210	47 nF 20% 63V	C83	4200431	10 µF 20% 16V
C22	4000227	330 pf 5% 50V	C84	4000333	18 pF 5% 63V
C23	4100236	1 nF 5% 63V	C85	4000177	12 pF 5% 63V
C24	4000136	22 pF 5% 63V	C86	4000177	12 pF 5% 63V
C25	4000136	22 pF 5% 63V	C87	4010041	10 nF -20+80% 40V
C26	4100236	1 nF 5% 63V	C88	4130179	100 nF 20% 63V
C27	4100236	1 nF 5% 63V	C89	4010083	10 nF -20+80% 63V
C28	4000136	22 pF 5% 63V	C90	4010083	10 nF -20+80% 63V
C29	4000136	22 pF 5% 63V	C91	4010083	10 nF -20+80% 63V
C30	4100236	1 nF 5% 63V	C93	4000227	330 pF 5% 63V
C31	4000227	330 pF 5% 50V	C94	4030027	100 nF 20% 25V
C32	4010041	10 nF -20+80% 40V	C95	4030027	100 nF 20% 25V
C33	4130104	220 nF 20% 100V	C120	4200544	22 µF 20% 16V
C34	4000019	68 pF 5% 63V	C121	4010063	4.7 nF 10% 63V
C35	4000313	22 pF 5% 63V	C122	4010061	2.2 nF 10% 63V
C36	4200426	1 µF 20% 50V	C123	4130179	100 nF 20% 63V
C37	4200364	47 µF -10+50% 10V	C124	4200521	15 µF 20% 16V
C41	4130232	150 nF 20% 63V	C125	4200426	1 µF 20% 50V
C42	4200480	22 µF 20% 10V	C126	4010111	3.3 nF 10% 63V
C44	4200362	4.7 µF -10+50% 16V	C127	4000019	68 pF 5% 63V
C45	4000153	33 pF 5% 63V	C128	4000313	22 pF 5% 63V
C46	4010027	1 nF 10% 63V	C129	4010041	10 nF -20+80% 40V
C47	4010041	10 nF -20+80% 40V	C130	4010061	2.2 nF 10% 63V
C48	4010027	1 nF 10% 63V	C131	4200617	47 µF 20% 10V
C49	4010027	1 nF 10% 63V	C132	4010041	10 nF -20+80% 40V
C50	4010027	1 nF 10% 63V	C133	4010041	10 nF -20+80% 40V
C51	4010027	1 nF 10% 63V	C134	4200478	100 µF 20% 10V
C54	4010027	1 nF 10% 63V	C135	4010111	3.3 nF 10% 63V
C55	4000153	33 pF 5% 63V	C136	4200431	10 µF 20% 16V
C57	4000153	33 pF 5% 63V	C137	4010041	10 nF -20+80% 40V

C138	4000334	47 pF 5% 63V	C141	4100235	680 pF 5% 63V
C139	4200478	100 µF 20% 10V	C142	4100235	680 pF 5% 63V



L1	8020539	Coil 38.9 MHz	L12	8020565	Coil 2.2 µH
L2	8020537	Coil 5.5 MHz	L13	8022250	Coil 4.7 MH
L3	8020537	Coil 5.5 MHz	L14	8020552	Coil 10 µH
L4	8020537	Coil 5.5 MHz	L15	8020619	Coil 36 MHz
L5	8020537	Coil 5.5 MHz	L16	8020552	Coil 10 µH
L6	8020600	Coil 1 µH	L20	8020593	Coil 5.5 MHz
L7	8020539	Coil 38.9 MHz	L22	8020539	Coil 38.9 MHz
L8	8020589	Coil 38.9 MHz	L23	8020589	Coil 38.9 MHz
L10	8020551	Coil 4.7 µH	L24	8020541	Coil 32.4 MHz
L11	8020565	Coil 2.2 µH			



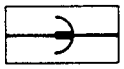
FE1	6710008	Ferrite core	FE6	6710008	Ferrite core
FE2	6710008	Ferrite core	FE10	6710008	Ferrite core
FE4	6710008	Ferrite core	FE11	6710008	Ferrite core
FE5	6710008	Ferrite core			

TU1	8050092	Tuner S-Kanal

BP1	8030021	5.5 MHz	BP3	8030028	5.74 MHz ± 75 KHz
BP2	8030026	5.5 MHZ ± 50 KHz	BP4	8030029	5.74 MHZ ± 50 KHz

SWF1	8030027	Filter 38.9/33.4 MHz
SWF2	8030082	Filter

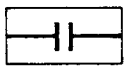
X1	8090000	Crystal 4 MHz
X2	8090000	Crystal 4 MHz



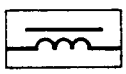
P1	7220427	Plug 7/7 pol	P33	7220429	Plug 7/7 pol
P2	7220430	Plug 8/8 pol	P35	7220425	Plug 3/3 pol
P3	7220432	Plug 10/10 pol	P52	7220426	Plug 4/4 pol
P4	7220424	Plug 2/2 pol		7210510	Jack plug
P5	7220425	Plug 3/3 pol		7220134	Plug 2/2 pol
P6	7220416	Plug 7/7 pol		7220543	Contact pin 3 pol

PCB 05,
8003603, Teletext S - D - GB
8003693, Teletext D - I - F
PCB 10,
8003727, Teletext S - D - GB
8003732, Teletext D - I - F

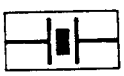
R1	5020591	6.8 Ω 5% 2W	R45	5011385	56 Ω 5% 1/2W
R2	5011001	12 Ω 5% 1/2W	R46	5011385	56 Ω 5% 1/2W
R6	5011384	82 Ω 5% 1/2W	R47	5011385	56 Ω 5% 1/2W
R8	5011002	15 Ω 5% 1/2W	R51	5011385	56 Ω 5% 1/2W



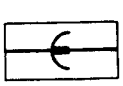
C1	4200423	2.2 µF 20% 50V	C16	4010024	470 pF 10% 63V
C2	4200423	2.2 µF 20% 50V	C17	4010076	22 nF -20+100% 40V
C3	4200615	470 µF 10V	C18	4000237	270 pF 5% 63V
C4	4010076	22 nF -20+100% 40V	C19	4000204	100 pF 5% 63V
C5	4200483	47 µF 20% 16V	C20	4000133	15 pF 5% 63V
C6	4000018	220 pF 5% 63V	C21	4130179	100 nF 20% 63V
C7	4200616	6.8 µF 25V	C22	4000168	120 pF 5% 63V
C8	4200426	1 µF 20% 50V	C23	4200423	2.2 3ssF 20% 50V
C9	4130223	47 nF 10% 63V	C24	4010041	10 nF -20+80% 63V
C10	4130308	220 nF 10% 63V	C25	4130179	100 nF 20% 63V
C12	4000102	27 pF 5% 63V	C26	4130210	47 nF 20% 63V
C13	4130300	68 nF 63V	C27	4200484	10 µF 20% 25V
C14	4000133	15 pF 5% 63V	C28	4030027	100 nF 20% 25V
C15	4010027	1 nF 10% 63V	C29	4030027	100 nF 20% 25V



L1	8020554	Coil 15 µH	L3	8020565	Coil 2.2 µH
L2	8020555	Coil 6 MHz	L5	8020565	Coil 2.2 µH

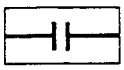


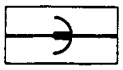
X1	8090052	Crystal 13.875 MHz



P29	7220555	Plug 15/15 pol.
P34	7220429	Plug 7/7 pol.
P44	7210518	Socket 8 pol DIN

PCB 11, 8003711, Display



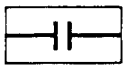


R1	5020701	12 Ω 5% 1W
R23	5011010	56 Ω 5% 1/2W
R25	5011384	82 Ω 5% 1/2W

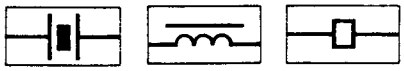
C1	4200423	2.2 µF 20% 50V	C4	4010027	1 nF 10% 63V
C2	4200617	47 µF 20% 10V	C5	4130179	100 nF 20% 63V
C3	4000142	82 pF 5% 63V	C6	4130179	100 nF 20% 63V

P7	7210597	Socket/housing 15/15 pol.
P34	7220429	Plug 7/7 pol.

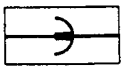
PCB 15, 8003630, Antiope Digital



C1	4130179	100 nF 20% 63V	C16	4130179	100 nF 20% 63V
C2	4130179	100 nF 20% 63V	C17	4000146	15 pF 5% 63V
C3	4130179	100 nF 20% 63V	C18	4000146	15 pF 5% 63V
C4	4130179	100 nF 20% 63V	C19	4130130	100 nF 20% 63V
C5	4130179	100 nF 20% 63V	C20	4000102	27 pF 5% 63V
C6	4010155	220 pF 10% 63V	C21	4000102	27 pF 5% 63V
C7	4000155	220 pF 10% 63V	C22	4130179	100 nF 20% 63V
C8	4000155	220 pF 10% 63V	C23	4130179	100 nF 20% 63V
C9	4130179	100 nF 20% 63V	C32	4130179	100 nF 20% 63V
C10	4130179	100 nF 20% 63V	C34	4130179	100 nF 20% 63V
C12	4130179	100 nF 20% 63V	C52	4010027	1nF 10 63V
C13	4130179	100 nF 20% 63V	C53	4010027	1nF 10% 63V
C14	4130179	100 nF 20% 63V	C55	4010027	1nF 10% 63V
C15	4200477	4.7 µF 20% 25V			



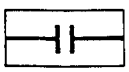
X1	8030057	Crystal 18 MHz ± 54KHz	L1	8020505	Coil 15 µH
X2	8090033	Crystal 5 MHz	FE2-32	8020633	Ferrite core



P47	7220546	Plug 5/5 pol	3302427	Screen
P48	7220548	Plug 16/16 pol	3302428	Screen
P49	7220546	Plug 5/5 pol	2395009	Spire

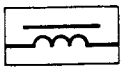
PCB 20, 8003641 PAL - SECAM Decoder

R1	5010874	6.8 Ω 5% 1/2W	R77	5011078	4.7 MΩ 5% 1/2W
R3	5020797	68 Ω 5% 1W	R78	5020542	22.1 kΩ 1% 1/4W
R46	5370061	47 kΩ 20% 0.1W	R106	5370128	100 kΩ 20% 0.1W
R57	5010421	1.2 MΩ 5% 1/2W	R108	5370156	220 kΩ 20% 0.1W
R61	5370240	100 Ω 20% 0.1W	R111	5370074	10 kΩ 20% 0.1W
R66	5011071	1.5 MΩ 5% 1/2W	R116	5370074	10 kΩ 20% 0.1W
R74	5370074	10 kΩ 20% 0.1W			



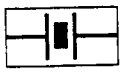
C2	4200628	100 µF 20% 16V	C43	4200423	2.2 µF 20% 50V
C3	4010076	22 nF -20+100% 40V	C44	4130306	100 nF 10% 63V
C6	4000230	82 pF 5% 63V	C45	4010024	470 pF 10% 63V
C10	4000136	22 pF 5% 63V	C46	4200431	10 µF 20% 16V
C11	4010063	4.7 nF 10% 63V	C47	4010076	22 nF -20+100% 40V
C14	4010063	4.7 nF 10% 63V	C48	4130214	10 nF 20% 63V
C16	4010063	4.7 nF 10% 63V	C49	4200476	0.47 µF 20% 50V
C18	4200476	0.47 µF 20% 50V	C50	4010027	1 nF 10% 63V
C19	4200480	22 µF 20% 10V	C51	4010027	1 nF 10% 63V
C20	4000144	10 pF + 0.25 pF 63V	C52	4010027	1 nF 10% 63V
C23	4000227	330 pF 5% 63V	C53	4000018	220 pF 5% 63V
C24	4100210	1.5 nF 5% 63V	C54	4000018	220 pF 5% 63V
C25	4000057	47 pF 5% 63V	C55	4130306	100 nF 10% 63V
C26	4000136	22 pF 5% 63V	C56	4010027	1 nF 10% 63V
C27	4000169	6.8 pF - 0.25 pF 63V	C57	4000146	15 pF 5% 63V
C28	4000135	150 pF 5% 63V	C58	4010027	1 nF 10% 63V
C29	4010076	22 nF -20+100% 40V	C59	4000230	82 pF 5% 63V
C30	4010027	1 nF 10% 63V	C60	4200426	1 µF 20% 50V
C31	4010076	22 nF -20+100% 40V	C63	4130214	10 nF 20% 63V
C32	4000169	6.8 pF - 0.25 pF 63V	C64	4010076	22 nF -20+100% 40V
C33	4000155	56 pF 5% 63V	C65	4130306	100 nF 10% 63V
C34	4010027	1 nF 10% 63V	C66	4130306	100 nF 10% 63V
C35	4200431	10 µF 20% 16V	C67	4130306	100 nF 10% 63V
C36	4000227	330 pF 5% 63V	C68	4130369	47 nF 10% 100V
C37	4200476	0.47 µF 20% 50V	C69	4130669	47 nF 10% 100V
C38	4010076	22 nF -20+100% 40V	C70	4130669	47 nF 10% 100V
C39	4100235	680 pF 5% 63V	C71	4010031	680 pF 10% 63V
C40	4200426	1 µF 20% 50V	C72	4010081	270 pF 10% 63V
C41	4200426	1 µF 20% 50V	C73	4010037	390 pF 10% 63V
C42	4200426	1 µF 20% 50V	C74	4010111	3.3 nF 10% 63V

C75	4200431	10 µF 20% 16V	C87	4200426	1 µF 20% 50V
C76	4010027	1 nF 10% 63V	C88	4130306	100 nF 10% 63V
C77	4130213	10 nF 10% 63V	C89	4200544	22 µF 20% 16V
C78	4010109	180 pF 10% 63V	C90	4000069	100 pF 5% 63V
C79	4130265	10 nF 10% 63V	C91	4000069	100 pF 5% 63V
C83	4130306	100 nF 10% 63V	C92	4000069	100 pF 5% 63V
C84	4200431	10 µF 20% 16V	C93	4010060	22 nF -20-80% 40V
C85	4000230	82 pF 5% 63V			



L1	8020607	Coil 47 µH	L6	8020370	Coil 35 µH
L2	8020606	Coil 27 µH	L7	8020578	Coil 10 µH
L3	8020289	Coil	L8	8020284	Coil
L4	8020037	Coil 15 µH	L9	8020578	Coil 10 µH
L5	8020084	Coil			

DL1	6240012	Delay line 64 µS
DL2	8003655	Y-Delay Line

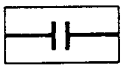


X1	8090054	Crystal 4.433 MHz

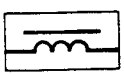
P13	7220431	Plug 9/9 pol		7220129	Plug 2/2 pol
P42	7220433	Plug 11/11 pol		7220212	Plug 3/3 pol
P43	7220434	Plug 12/12 pol		7220504	Plug 6/3 pol

PCB 21, 8003644, PAL Decoder

R1	5010874	6.8 Ω 5% 1/2W	R66	5011071	1.5 MΩ 5% 1/2W
R3	5020797	68 Ω 5% 1W	R106	5370128	100 kΩ 20% 0.1W
R46	5370061	47 kΩ 20% 0.1W	R108	5370156	220 kΩ 20% 0.1W
R57	5010421	1.2 MΩ 5% 1/2W	R111	5370074	10 kΩ 10% 0.1W
R61	5370240	100 Ω 20% 0.1W	R116	5370074	10 kΩ 10% 0.1W

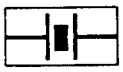


C2	4200628	100 µF 20% 16V	C63	4130214	10 nF 20% 63V
C3	4010076	22 nF -20+100% 40V	C64	4010076	22 nF -20+100% 40V
C6	4000230	82 pF 5% 63V	C65	4130306	100 nF 10% 63V
C10	4000136	22 pF 5% 63V	C66	4130306	100 nF 10% 63V
C11	4010063	4.7 nF 10% 63V	C67	4130369	47 nF 10% 100V
C14	4010063	4.7 nF 10% 63V	C68	4130369	47 nF 10% 100V
C16	4010063	4.7 nF 10% 63V	C69	4130369	47 nF 10% 100V
C18	4200476	0.47 µF 20% 50V	C70	4130369	47 nF 10% 100V
C19	4200480	22 Uf 20% 10V	C71	4010031	680 pF 10% 63V
C20	4000144	10 pF - 0.25 pF 63V	C72	4010081	270 pF 10% 100V
C24	4100210	1.5 nF 5% 63V	C73	4010135	390 pF 10% 63V
C25	4000057	47 pF 5% 63V	C74	4010111	3.3 nF 10% 63V
C41	4200426	1 µF 20% 50V	C76	4130213	10 nF 10% 63V
C42	4200426	1 µF 20% 50V	C77	4130213	10 nF 10% 63V
C43	4200423	2.2 µF 20% 50V	C78	4010109	180 pF 10% 63V
C44	4130306	100 nF 10% 63V	C79	4130265	10 nF 10% 63V
C46	4200431	10 µF 20% 16V	C83	4130306	100 nF 10% 63V
C48	4130214	10 nF 20% 63V	C84	4200431	10 µH 20% 16V
C49	4200476	0.47 µF 20% 50V	C85	4200230	82 pF 5% 63V
C50	4010027	1 nF 10% 63V	C87	4200426	1 µF 20% 50V
C51	4010027	1 nF 10% 63V	C88	4130306	100 nF 10% 63V
C52	4010027	1 nF 10% 63V	C89	4200544	22 µF 20% 16V
C55	4130306	100 nF 10% 63V	C90	4000069	100 pF 5% 63V
C56	4010027	1 nF 10% 63V	C91	4000069	100 pF 5% 63V
C57	4000146	15 pF 5% 63V	C92	4000069	100 pF 5% 63V
C60	4200426	1 µF 20% 50V	C93	4010060	22 nF -20+80% 40V

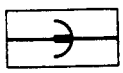


L1	8020607	Coil 47 µH	L7	8020578	Coil 10 µH
L2	8020606	Coil 27 µH	L8	8020284	Coil
L3	8020289	Coil	L9	8020578	Coil 10 µH

DL1	6240012	Delay Line 64 µS

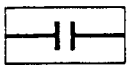


X1	8090054	Crystal 4.4336 M



P13	7220431	Plug 9/9 pol		7220504	Plug 6/3 pol
P42	7220433	Plug 11/11 pol		7500013	Contact pin
P43	7220434	Plug 12/12 pol			
	7220129	Plug 2/2 pol		3304017	Screen
	7220212	Plug 3/3 pol			

PCB 23, 8003650, Antiope Analog



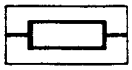
R1	5020193	1.5 kΩ 1% 1/4W	R40	5020703	1 Ω 5% 1W
R11	5020579	2.94 kΩ 1% 1/4W	R41	5370050	1 kΩ 20% 0.1W
R12	5020193	1.5 kΩ 1% 1/4W	R43	5011000	10 kΩ 5% 1/2W
R25	5370074	10 kΩ 20% 0.1W	R46	5370050	1 kΩ 20% 0.1W
R35	5020705	22 kΩ 0.35W	R67	5020813	0.22 Ω 0.4W
R39	5020701	12 kΩ 5% 1W			

C1	4130313	470 nF 20% 63V	C16	4130179	100 nF 20% 63V
C2	4130179	100 nF 20% 63V	C17	4130179	100 nF 20% 63V
C3	4010120	1.5 nF 10% 63V	C18	4130179	100 nF 20% 63V
C4	4130179	100 nF 20% 63V	C19	4200423	2.2 µF 20% 50V
C5	4130179	100 nF 20% 63V	C20	4200628	100 µF 20% 16V
C6	4000168	120 pF 5% 63V	C21	4200531	220 µF -10+50% 16V
C7	4010120	1.5 nF 20% 63V	C22	4200484	10 nF 20% 25V
C9	4000167	18 nF 5% 63V	C23	4200585	1000 µF -20+50% 10V
C10	4010065	330 pF 10% 63V	C24	4200628	100 µF 20% 16V
C11	4010024	470 pF 10% 63V	C25	4130179	100 nF 20% 63V
C12	4130179	100 nF 20% 63V	C26	4200478	100 µF 20% 10V
C13	4130214	10 nF 20% 63V	C27	4000146	15 pF 5% 63V
C14	4010024	470 pF 10% 63V	C28	4130313	470 nF 20% 63V
C15	4010027	1 nF 10% 63V	C29	4010155	220 pF 10% 63V

L1	8020631	Coil 5 µH
L2	8020421	Coil

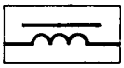
P29	7220555	Plug 15/15 pol	P48	7210609	Socket 16/16 pol
P34	7220429	Plug 7/7 pol	P49	7210594	Plug 5/5 pol
P44	7210518	Socket 8 pol	P51	7220426	Plug 4/4 pol
P47	7210594	Plug 5/5 pol			

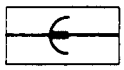
PCB 24, 8003700, Sound Processing



R17	5370061	47 kΩ 20% 0.1W	R64	5370240	100 Ω 20% 0.1W
R56	5370240	100 Ω 20% 0.1W	R65	5020272	226 kΩ 1% 1/4W
R57	5020286	562 kΩ 1% 1/4W	R81	5030017	8 x 100 kΩ 1/8W
R58	5020097	60.4 kΩ 1% 1/4W	R91	5370061	47 kΩ 20% 0.1W
R61	5020240	24.9 kΩ 1% 1/4W			

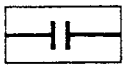
C1	4200477	4.7 µF 20% 25V	C40	4200426	1 µF 20% 50V
C2	4200423	2.2 µF 20% 50V	C41	4130213	10 nF 10% 63V
C3	4130179	100 nF 20% 63V	C42	4200431	10 µF 20% 16V
C4	4200477	4.7 µF 20% 25V	C43	4130309	330 nF 10% 63V
C5	4100260	2.2 nF 2.5% 63V	C44	4200423	2.2 µF 20% 50V
C6	4200423	2.2 µF 20% 50V	C45	4200423	2.2 µF 20% 50V
C7	4200423	2.2 µF 20% 50V	C46	4200477	4.7 µF 20% 25V
C7	4200477	4.7 µF 20% 25V	C47	4010061	2.2 nF 10% 63V
C8	4100260	2.2 nF 2.5% 63V	C48	4010063	4.7 nF 10% 63V
C9	4200423	2.2 µF 20% 50V	C50	4200483	47 µF 20% 16V
C10	4200431	10 µF 20% 16V	C51	4130179	100 nF 20% 63V
C11	4130179	100 nF 20% 63V	C52	4200431	10 µF 20% 16V
C12	4200423	2.2 µF 20% 50V	C53	4130373	100 nF 5% 63V
C13	4130308	220 nF 10% 63V	C54	4130373	100 nF 5% 63V
C14	4130308	220 nF 10% 63V	C55	4130232	150 nF 20% 63V
C15	4010027	1 nF 10% 63V	C56	4100238	3.3 nF 5% 63V
C16	4130293	470 nF 10% 63V	C57	4200477	4.7 µF 20% 25V
C17	4010061	2.2 nF 10% 63V	C58	4000168	120 pF 5% 63V
C18	4130179	100 nF 20% 63V	C59	4100238	3.3 nF 5% 63V
C19	4010027	1 nF 10% 63V	C60	4130373	100 nF 5% 63V
C20	4200423	2.2 µF 20% 50V	C61	4130373	100 nF 5% 63V
C22	4010063	4.7 nF 10% 63V	C62	4130232	150 nF 20% 63V
C24	4010041	10 nF -20+80% 40V	C63	4200483	47 µF 20% 16V
C25	4010063	4.7 nF 10% 63V	C64	4200483	4.7 µF 20% 25V
C26	4200426	1 µF 20% 50V	C65	4000153	33 pF 5% 63V
C27	4200483	47 µF 20% 16V	C66	4000153	33 pF 5% 63V
C28	4010041	10 nF -20+80% 40V	C67	4130213	10 nF 10% 63V
C29	4130213	10 nF 10% 63V	C68	4010076	22 nF -20+100% 40V
C30	4200431	10 µF 20% 16V	C69	4010027	1 nF 10% 63V
C31	4130309	330 nF 10% 63V	C70	4200362	4.7 µF -10+50% 16V
C32	4200423	2.2 µF 20% 50V	C71	4200362	4.7 µF -10+50% 16V
C33	4200423	2.2 µF 20% 50V	C72	4200426	1 µF 20% 50V
C34	4200477	4.7 µF 20% 25V	C73	4200426	2.2 µF 20% 50V
C35	4010061	2.2 nF 10% 63V	C74	4200544	22 µF 20% 16V
C36	4010063	4.7 nF 10% 63V	C75	4200476	0.47 µF 20% 50V
C38	4130213	10 nF 10% 63V	C76	4030027	100 nF 20% 25V
C39	4200483	47 µF 20% 16V			

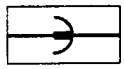




L1	8022135	Coil 2.6 MH	L3	8020565	Coil 2.2 µH
L2	8022134	Coil 2.6 MH			
X1	8090000	Crystal 4 MHz			
P35	7220429	Plug 7/7 pol	P38	7220433	Plug 11/11 pol
P36	7220426	Plug 4/4 pol			

PCB 25, 8003722, Power Supply Antiope

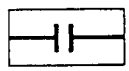




R1	5020810	10 Ω 20% 0.4W			
C1	4010123	1 nF 10% 500V	C3	4201082	100 µF 20% 40V
C2	4200612	1000 µF 20% 25V			
T1	8014081	Trafo			
P32	7220425	Plug 3/3 pol			
P50	7220426	Plug 4/4 pol			

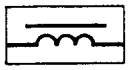
PCB 26, 8003737, Time Base and Double A/V

R35	5020110	10 kΩ 1% 1/4W	R79	5020083	33.2 kΩ 1% 1/4W
R45	5020229	9.53 kΩ 1% 1/4W	R80	5020110	10 kΩ 1% 1/4W
R52	5011013	100 Ω 5% 1/2W	R85	5370322	2.2 kΩ 20% 0.1W
R59	5020110	10 kΩ 1% 1/4W	R87	5370346	470 Ω 20% 0.1W
R62	5020114	11 kΩ 1% 1/4W	R101	5370346	470 Ω 20% 0.1W
R63	5370325	2.2 kΩ 20% 0.1W	R108	5370305	100 kΩ 20% 0.1W
R65	5370305	10 kΩ 20% 0.1W	R111	5370305	10 kΩ 20% 0.1W
R76	5020736	768 kΩ 1% 1/4W	R226	5020825	18 Ω 5% 2W
R77	5020263	100 kΩ 1% 1/4W	R231	5010708	22 Ω 5% 1/2W
R78	5020263	100 kΩ 1% 1/4W			



C11	4200395	470 µF -10+100% 16V	C54	4010076	22 nF -20+80% 40V
C12	4200477	4.7 µF 20% 25V	C55	4010027	1 nF 10% 63V
C13	4000069	100 pF 5% 63V	C56	4200617	47 µF 10V
C14	4200477	4.7 µF 20% 25V	C57	4130305	33 nF 10% 63V
C15	4000069	100 pF 5% 63V	C58	4130223	47 nF 10% 63V
C16	4200426	1 µF 20% 50V	C59	4130256	15 nF 20% 63V
C17	4200426	1 µF 20% 50V	C60	4010076	22 nF -20+80% 40V
C18	4200477	4.7 µF 20% 25V	C61	4130230	100 nF 20% 63V
C19	4010061	2.2 nF 10% 63V	C62	4200477	4.7 µF 20% 25V
C20	4200617	47 µF 10V	C63	4130216	22 nF 10% 63V
C21	4200617	47 µF 10V	C64	4010111	3.3 nF 10% 63V
C22	4130313	470 nF 20% 63V	C65	4130179	100 nF 20% 63V
C23	4200480	22 µF 20% 10V	C66	4200431	10 µF 20% 16V
C24	4200020	470 µF 25V	C67	4200426	1 µF 20% 50V
C25	4130215	220 nF 20% 63V	C68	4200426	1 µF 20% 50V
C26	4130215	220 nF 20% 63V	C69	4200426	1 µF 20% 50V
C27	4010041	10 nF -20+80% 40V	C70	4200426	1 µF 20% 50V
C28	4200477	4.7 µF 20% 225V	C71	4000136	22 pF 5% 63V
C29	4010061	2.2 nF 10% 63V	C72	4200426	1 µF 20% 50V
C30	4200617	47 µF 10V	C73	4200480	22 µF 20% 10V
C31	4200617	47 µF 10V	C74	4130215	220 nF 20% 63V
C32	4130313	470 nF 20% 63V	C75	4200426	1 µF 20% 50V
C33	4200020	4700 µF 25V	C76	4200483	47 µF 20% 16V
C34	4130215	220 nF 20% 63V	C77	4200431	10 µF 20% 16V
C35	4130215	220 nF 20% 63V	C78	4200431	10 µF 20% 16V
C36	4010041	10 nF -20+80% 40V	C79	4000094	150 pF 5% 63V
C37	4200423	2.2 µF 20% 50V	C81	4200423	2.2 µF 20% 63V
C38	4010076	22 nF -20+80% 40V	C82	4130313	470 nF 20% 63V
C39	4010041	10 nF -20+80% 40V	C84	4130313	470 nF 20% 63V
C40	4200395	470 µF -10+100% 16V	C86	4200426	1 µF 20% 50V
C41	4200423	2.2 µF 20% 50V	C88	4200426	1 µF 20% 50V
C42	4200431	10 µF 20% 16V	C91	4010024	470 pF 10% 63V
C43	4000226	68 pF 5% 63V	C92	4130313	470 nF 20% 63V
C44	4200515	4.7 µF 20% 25V	C93	4130313	470 nF 20% 63V
C45	4130214	10 nF 20% 63V	C94	4200426	1 µF 20% 50V
C46	4130179	100 nF 20% 63V	C98	4200423	2.2 µF 20% 50V
C47	4130215	220 nF 20% 63V	C99	4200431	10 µF 20% 16V
C48	4130264	10 nF 2.5% 63V	C100	4200431	10 µF 20% 16V
C50	4000227	330 pF 5%	C101	4010076	22 nF -20+80% 40V
C51	4010076	22 nF -20+80% 40V	C102	4200628	100 µF 20% 16V
C52	4200476	0.47 µF 20% 50V	C103	4200628	100 µF 20% 16V
C53	4130377	47 nF 1% 160V	C104	4000018	220 pF 5% 63V

C105	4010027	1 nF 10% 63V	C118	4200426	1 µF 20% 50V
C106	4010041	10 nF -20+80% 40V	C125	4200484	10 µF 20% 25V
C107	4200431	10 µF 20% 16V	C126	4200483	47 µF 20% 16V
C108	4200515	4.7 µF 20% 25V	C127	4200431	10 µF 20% 16V
C112	4200483	47 µF 20% 16V	C128	4200617	47 µF 20% 10V
C115	4130305	33 nF 10% 63V	C129	4200544	22 µF 20% 16V
C117	4200431	10 µF 20% 16V	C131	4130215	220 nF 20% 63V

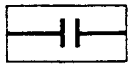


L1	6850114	Coil 0.5 µH
L2	6850114	Coil 0.5 µH

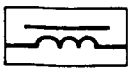
P7	7220555	Plug 15/15 pol	P14	7220411	Plug 2/2 pol
P8	7220421	Plug 10/10 pol	P40	7220433	Plug 11/11 pol
P9	7220421	Plug 12/12 pol	P41	7220434	Plug 12/12 pol
P10	7220414	Plug 6/6 pol	P44	7220411	Plug 2/2 pol
P11	7220415	Plug 6/6 pol	P45	7220426	Plug 4/4 pol
P12	7220411	Plug 2/2 pol	P46	7220433	Plug 11/11 pol

PCB 28, 8003715, Sound Processing Mono

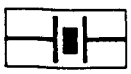
R8	5020805	22.6 kΩ 1% 1/4W
R45	5020151	22 Ω 10% 0.4W
R81	5030017	8 x 100 kΩ 5%1/8W
R91	5370061	47 kΩ 20% 0.1W



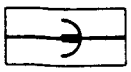
C3	4130179	100 nF 20% 63V	C35	4010061	2.2 nF 10% 36V
C4	4200477	4.7 µF 20% 25V	C36	4010063	4.7 nF 10% 63V
C5	4100260	2.2 nF 2.5% 63V	C38	4130213	10 nF 10% 63V
C6	4200423	2.2 µF 20% 50V	C39	4200483	47 µF 20% 16V
C12	4200423	2.2 µF 20% 50V	C40	4200426	1 µF 20% 50V
C13	4130308	220 nF 10% 63V	C41	4130213	10 nF 10% 36V
C14	4130308	220 nF 10% 63V	C42	4200431	10 µF 20% 63V
C15	4010027	1 nF 10% 63V	C43	4130309	330 nF 10% 63V
C16	4130293	470 nF 10% 63V	C44	4200423	2.2 µF 20% 50V
C17	4010061	2.2 nF 10% 63V	C45	4200423	2.2 µF 20% 50V
C18	4130179	100 nF 20% 63V	C46	4200477	4.7 µF 20% 25V
C19	4010027	1 nF 10% 63V	C47	4010061	2.2 nF 10% 63V
C20	4200423	2.2 µF 20% 50V	C48	4040101	4.7 nF 10% 63V
C21	4200423	2.2 µF 20% 50V	C63	4200483	47 µF 20% 16V
C22	4010041	10 nF -20+80% 40V	C64	4200477	4.7 µF 20% 25V
C23	4010063	4.7 nF 20% 63V	C65	4000153	33 pF 5% 63V
C24	4010041	10 nF -20+80% 40V	C66	4000153	33 pF 5% 63V
C25	4010063	4.7 nF 10% 63V	C67	4000153	33 pF 5% 63V
C26	4200426	1 µF 20% 50V	C68	4010076	22 nF -20+100% 40V
C27	4200483	47 µF 20% 16V	C69	4010027	1 nF 10% 63V
C28	4010041	10 nF -20+80% 40V	C70	4200362	4.7 µF -10+50% 16V
C29	4130213	10 nF 10% 63V	C71	4200362	4.7 µF -10+50% 16V
C30	4200431	10 µF 20% 16V	C72	4200426	1 µF 20% 50V
C31	4130309	330 nF 10% 63V	C73	4200423	2.2 µF 20% 50V
C32	4200423	2.2 µF 20% 50V	C74	4200544	22 µF 20% 16V
C33	4200423	2.2 µF 20% 50V	C75	4200476	0.47 µF 20% 50V
C34	4200477	4.7 µF 20% 25V.	C76	4030027	100 nF 20% 25V



L3	8020565	Coil 2.2 µH



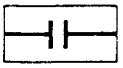
X1	8090000	Crystal 4 MHZ



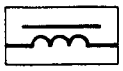
P35	7220429	Plug 7/7 pol
P36	7220426	Plug 4/4 pol
P38	7220433	Plug 11/11 pol

PCB 29, 8003719, Transposer

R1	5011191	47 Ω 5% 1/8W	R12	5011299	120 Ω 5% 1/8W
R2	5011307	2.2 kΩ 5% 1/8W	R13	5011310	12 kΩ 5% 1/8W
R3	5011191	47 Ω 5% 1/8W	R14	5011196	180 kΩ 5% 1/8W
R4	5011191	47 Ω 5% 1/8W	R15	5011307	2.2 kΩ 5% 1/8W
R5	5011184	3.3 kΩ 5% 1/8W	R16	5011310	12 kΩ 5% 1/8W
R6	5011197	1 kΩ 5% 1/8W	R17	5011197	1 kΩ 5% 1/8W
R7	5011197	1 kΩ 5% 1/8W	R18	5011284	47 kΩ 5% 1/8W
R8	5011197	1 kΩ 5% 1/8W	R19	5011192	22 Ω 5% 1/8W
R9	5011193	4.7 kΩ 5% 1/8W	R20	5011183	2.7 kΩ 5% 1/8W
R10	5011306	1.5 kΩ 5% 1/8W	R22	5011274	100 kΩ 5% 1/8W
R11	5011304	560 Ω 5% 1/8W			



C1	4010132	1 nF 10%	C13	4000274	12 pF 5%
C2	4010132	1 nF 10%	C14	4000330	5.6 pF ± 0.25 pF
C3	4010132	1 nF 10%	C15	4000116	1.8 pF - 0.25 pF
C4	4010132	1 nF 10%	C16	4010132	1 nF 10%
C5	4010132	1 nF 10%	C17	4000332	8.2 pF ± 0.25 pF
C6	4010132	1 nF 10%	C18	4000275	15 pF 5%
C7	4010132	1 nF 10%	C19	4000276	18 pF 5%
C8	4000116	1.8 pF ± 0.25 pF	C20	4000267	3 pF ± 0.25 pF
C9	4000276	18 pF 5%	C21	4010132	1 nF 10%
C10	4000229	150 pF 5%	C22	4000331	6.8 pF ± 0.25 pF
C11	4000278	27 pF 5%	C23	4010132	1 nF 10%
C12	4000331	6.8 pF ± 0.25 pF	C24	4010132	1 nF 10%



L1	8020609	Coil 3.3 µH	7220589	Socket COAX
L2	8020609	Coil 3.3 µH	7220539	Socket COAX
L3	6850176	Coil 400 HF NH	3302416	Screen
L4	6850177	Coil HF 97 NH	3302417	Screen
			3302418	Screen

Standard resistors

	X1	X10	X100	X1K	X10K	X100K	X1M	X10M
1.0		5011000	5011013	5011028	5011044	5010313	5011069	5011083
1.2			5011014	5011030	5011045	5011058	5010421	
1.5		5011002	5011015	5011031	5011046	5011059	5011071	
1.8		5010787	5011016	5011033	5011047		5011072	
2.2		5010708	5010815	5011034	5011048	5011061	5011074	
2.7		5010803	5011018	5010055	5011049	5011062	5011075	
3.3		5011007	5011019	5011037		5011063	5010381	
3.9		5010782	5011021		5011051		5010392	
4.7		5011009	5011022	5010035	5010036	5011065	5011078	
5.6		5011010	5011023	5011041		5011066	5011079	
6.8		5011011	5011024	5011042	5010810	5011067	5011080	
8.2		5011012	5011026	5011043	5010038	5011068	5011081	

Standard resistors 5% 1/2 W

	X1	X10	X100	X1K	X10K	X100K	X1M	X10M
1.0		5010506	5010065	5010040	5010059	5010049	5010054	
1.2		5010595	5010128	5010153	5010046	5010047	5010665	
1.5		5010468	5010057	5010247	5010053	5010063	5010093	
1.8		5010822	5010362	5010066	5010135	5010072	5010791	
2.2		5010448	5010092	5010064	5010079	5010120	5010245	
2.7	5010925	5010403	5010000	5010298	5010141	5010083	5010431	
3.3		5010253	5010044	5010076	5010075	5010117	5010848	
3.9		5010622	5010070	5010069	5010060	5010073	5010714	
4.7		5010411	5010058	5010048	5010045	5010077		
5.6		5010151	5010067	5010041	5010061	5010071		
6.8		5010039	5010144	5010052	5010062	5010074		
8.2		5010056	5010068	5010154	5010091	5010505		

Standard resistors 5% 1/4 W

	X1	X10	X100	X1K	X10K	X100K	X1M	
1.0			5011357	5010816	5010935	5011169	5011174	
1.2		5011351	5011084	5020795	5011338		5011175	
1.5			5011085	5011178	5011364	5011398	5011176	
1.8			5011350	5011361	5011344			
2.2	5011032	5011376	5010886	5011353	5010833	5011179		
2.7			5011355	5011362	5011366	5011370		
3.3			5011337	5010827	5011346	5011371	5011177	
3.9				5011157		5011372		
4.7	5011352	5011038	5011112	5011363	5010937			
5.6			5011358	5010885	5011166			
6.8		5011356	5011336	5011839	5010367			
8.2			5011354	5011339	5011368	5011373		

Standard resistors 5% 1/8 W

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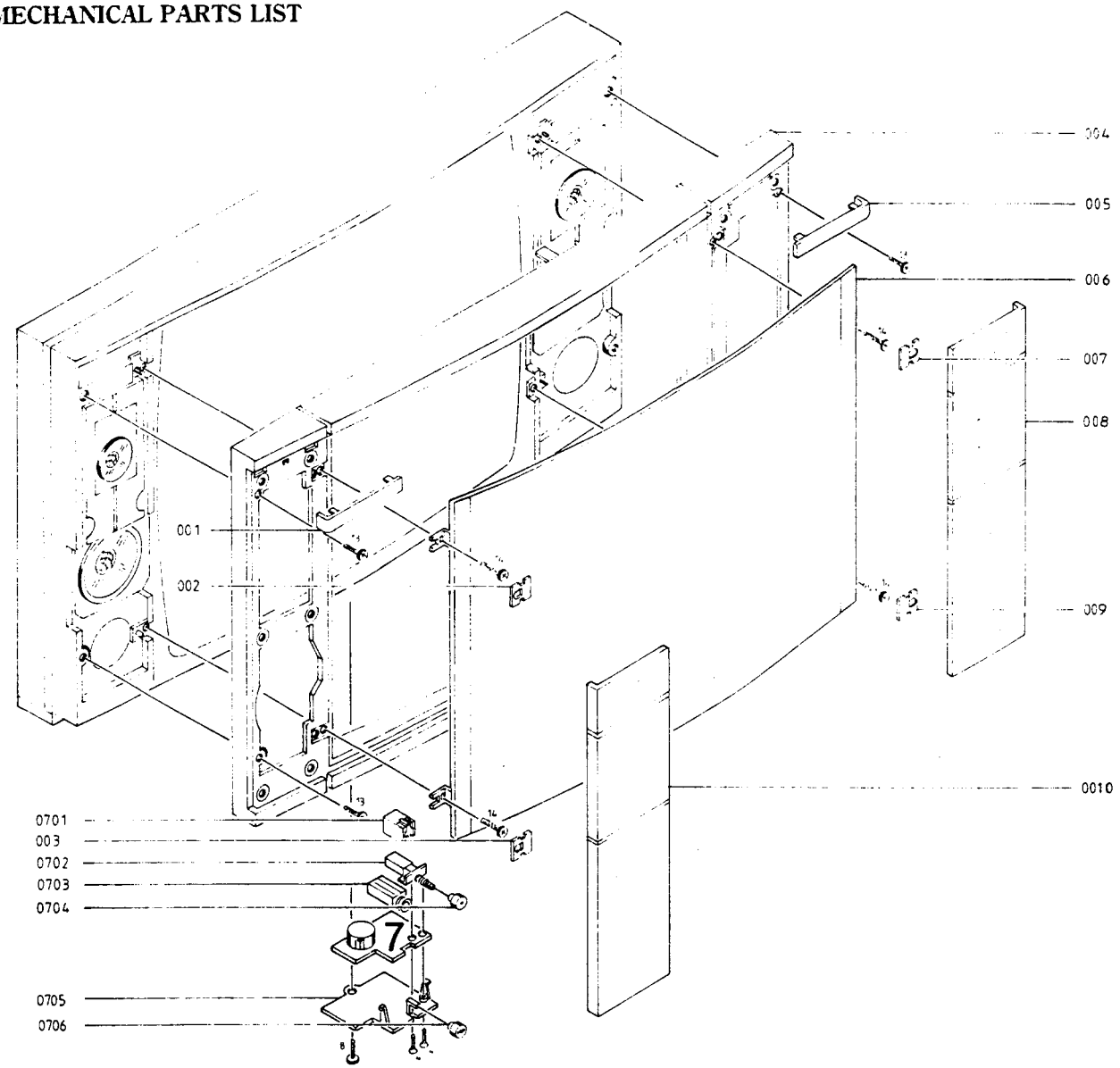
MEKANISK STYKLISTE
MECHANICAL PARTS LIST



Frontramme for Beovision LX2800
Front frame for Beovision LX2800

001	3450542	Dæksel	Cap
002	3164570	Dæksel	Cap
003	3164570	Dæksel	Cap
004	3430355	Forramme	Front frame
005	3450542	Dæksel	Cap
006	3450641	Glasplade	Glass plate
	3950023	Gummisnor	Rubber string
	3946064	Liste tætnig. side	Liste fightening. side
	3946065	Liste tætning. top-bund	Liste fightening. top-bottom
007	3164570	Dæksel	Cap
008	3450640	Højttalerpanel. højre	Loudspeaker panel. right
009	3164570	Dæksel	Cap
0010	3450639	Højttalerpanel. venstre	Loudspeaker panel. left

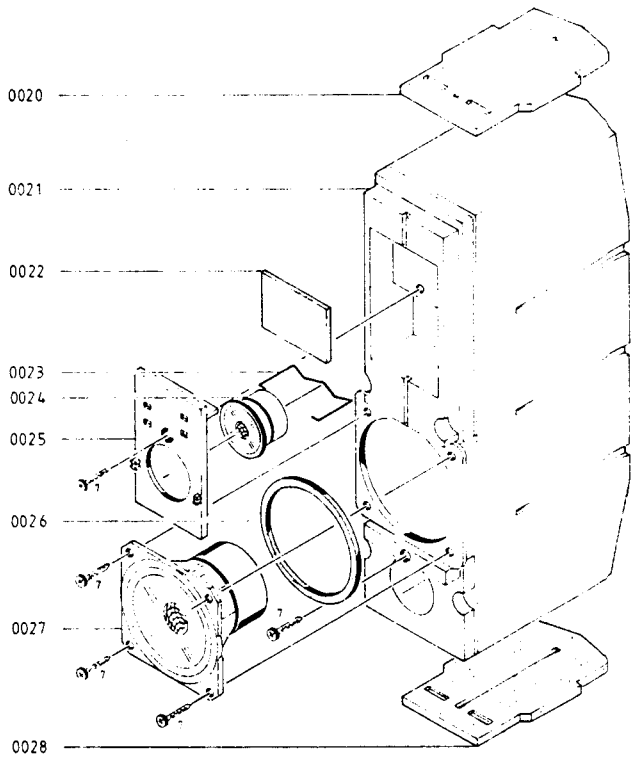
07Modul	8003605	Headphone	Head phone
0701	3164613	Dæksel for netafbryder	Cap for mains switch
0702	7450048	Netafbryder	Mains switch
	6271102	Netledning med eurostik	Mains lead with Euro plug
	6271091	Netledning for AUS	Mains lead for AUS
0703	7210386	Jackstik	Jack plug
0704	2776032	Knap for netafbryder	Button for mains switch
0705	3131240	Dæksel	Cap
0706	2776033	Knap. P-step	Button. P-step

Frontramme for Beovision LX 2500/ Front frame for Beovision LX 2500

001	3450574	Dæksel	Cap
004	3430356	Forramme	Front frame
005	3450574	Dæksel	Cap
006	3450660	Glasplade	Glass plate
008	3450644	Højttalerpanel, højre	Loudspeaker panel, right
0010	3450643	Højttalerpanel, venstre	Loudspeaker panel, left

Øvrige dele som frontramme for Beovision LX 2800

Other parts like front frame for Beovision LX 2800



Højttalerkabinet for Beovision LX 2800/ Loudspeaker cabinet for Beovision LX 2800

0020	3152417	Trykpude	Pressure pad
0021	3430373	Højttalerkabinet, højre	Loudspeaker cabinet, right
	3430374	Højttalerkabinet, venstre	Loudspeaker cabinet, left
0022	3907051	Trykpude	Pressure pad
0023	2819207	Fjeder	Spring
0024	8480060	Diskanthøjttaler	Treble speaker
0025	3152433	Højttalerophæng	Loudspeaker suspension
0026	3340034	Pakning	Gasket
0027	8480162	Bashøjttaler	Bass speaker
0028	3152417	Trykpude	Pressure pad

Højttalerkabinet for Beovision LX 2500/ Loudspeaker cabinet for Beovision LX 2500

0020	3152450	Trykpude	Pressure pad
0021	3430376	Højttalerkabinet, højre	Loudspeaker cabinet, right
	3430377	Højttalerkabiner, venstre	Loudspeaker cabinet, left
0026	3440047	Pakning	Gasket
0027	8480164	Bashøjttaler	Bass speaker
0028	3152450	Trykpude	Pressure pad

Øvrige dele som højttalerkabinet for Beovision LX 2800

Other parts like loudspeaker cabinet for Beovision LX 2800

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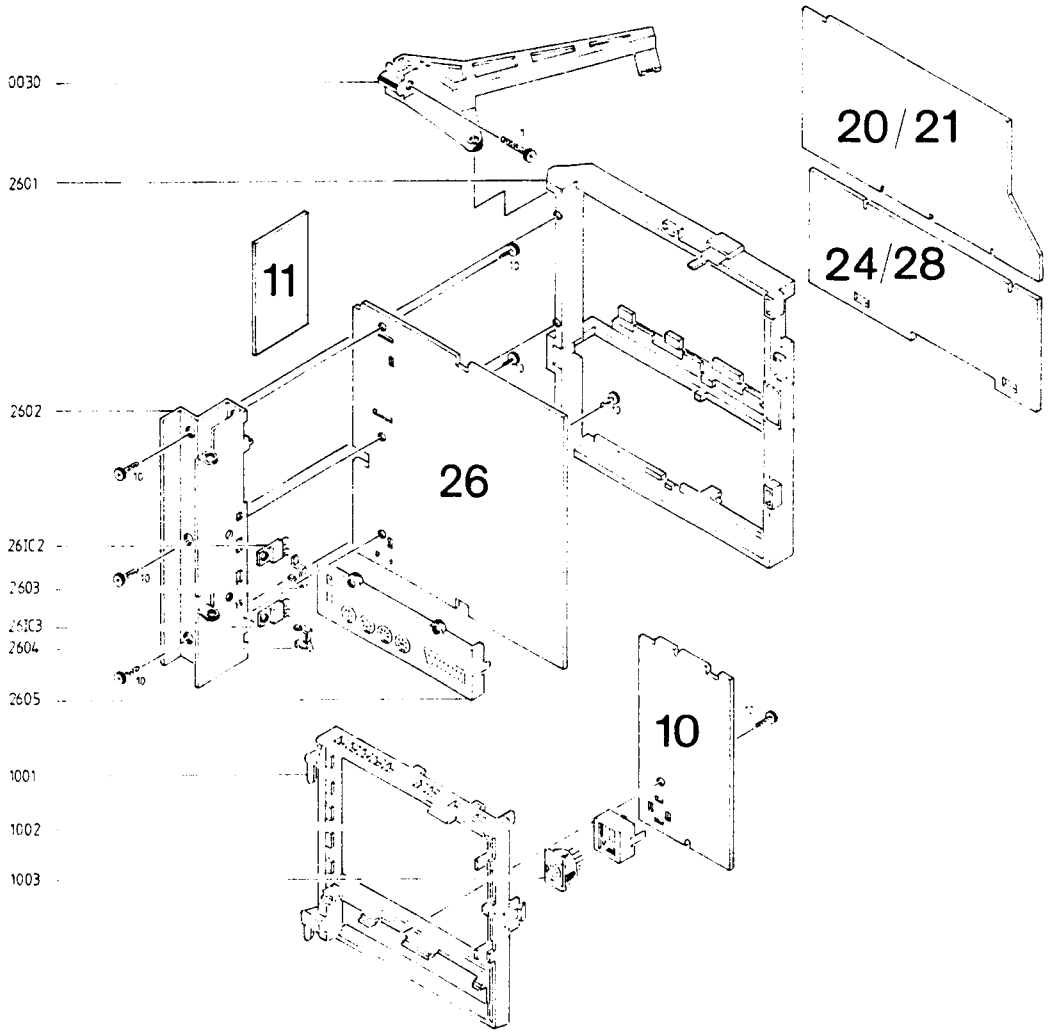
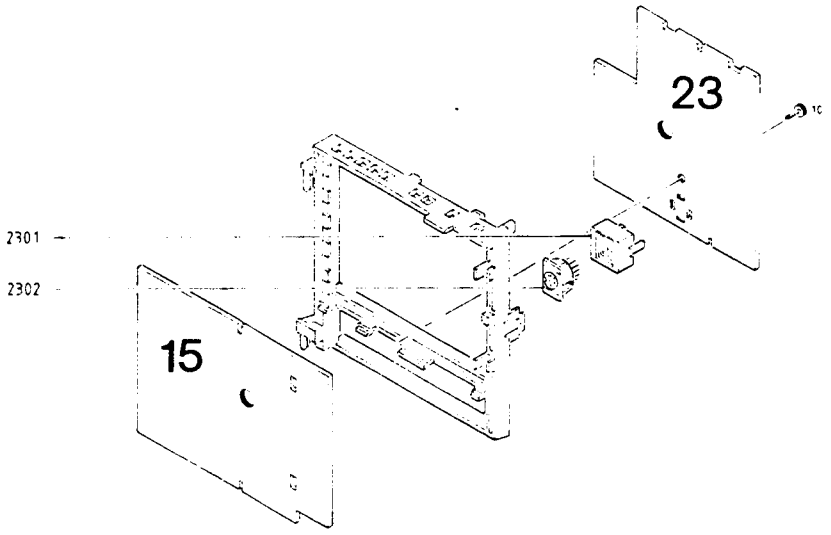
Lydchassis/
Sound chassis



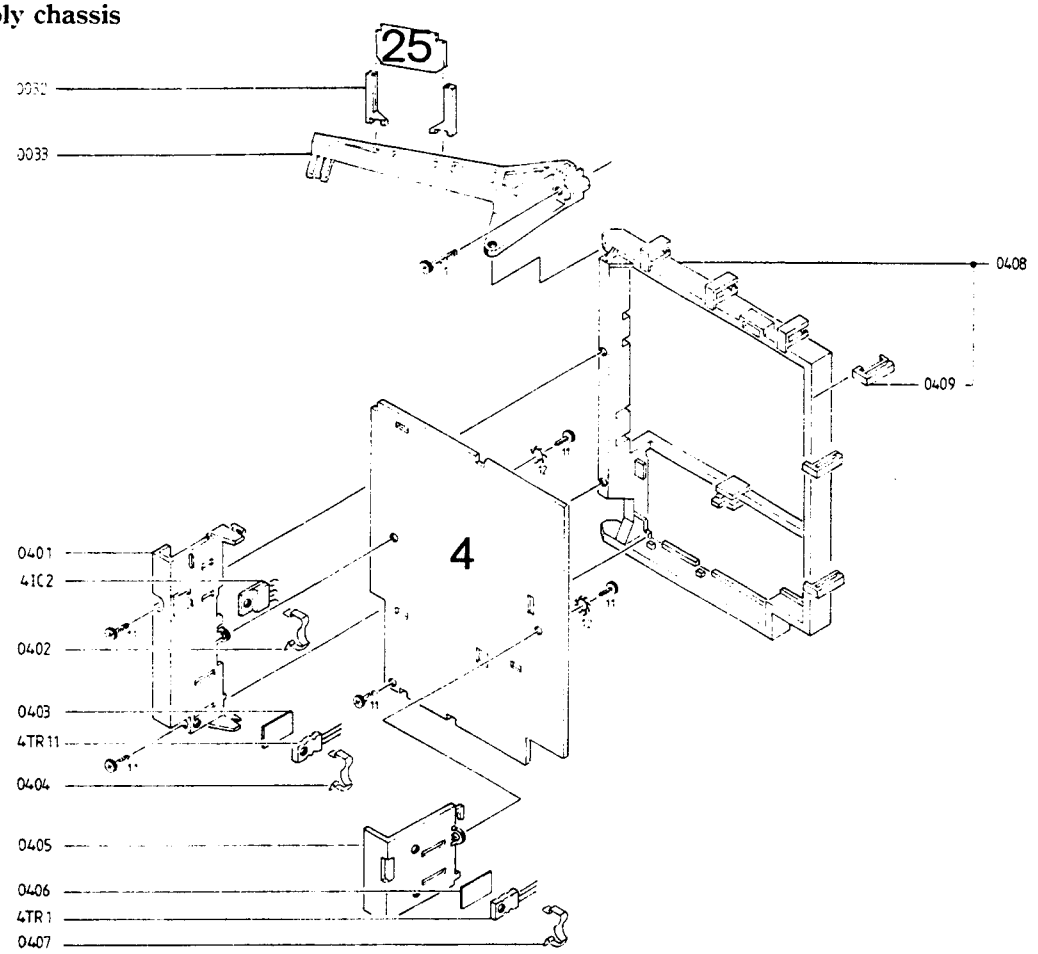


0030	3152534	Holder for LX 2800	Holder for LX 2800
	3152550	Holder for LX 2500	Holder for LX 2500
05Module	8003603	Teletext S-D-GB	Teletext S-D-GB
	8003693	Teletext D-I-F	Teletext D-I-F
10Modul	8003727	Teletext S-D-GB	Teletext S-D-GB
	8003732	Teletext D-I-F	Teletext D-I-F
1001	3114228	Chassis	Chassis
1002	3168430	Panel	Panel
1003	7210518	Stikdåse 8 pol.	Socket 8-pole
11Modul	8003711	Display	Display
15Modul	8003630	Antiope Digital	Antiope Digital
20Modul	8003641	PAL - Secam Decoder	PAL - Secam Decoder
21Modul	8003644	PAL Decoder	PAL Decoder
23Modul	8003650	Antiope Analog	Antiope Analog
2301	3168430	Panel	Panel
2302	7210518	Stikdåse 8 pol.	Socket 8-pole
24Modul	8003700	Sound Processing	Sound Processing
26Modul	8003737	Time Base and Double AV	Time Base and Double AV
2601	3114227	Chassis	Chassis
2602	3358209	Køleplade	Heat sink
2603	2816195	Fjederclips	Spring clip
2604	2816195	Fjederclips	Spring clip
2605	3168391	Antennepanel	Aerial panel
26IC2	8340500	TDA 2040	TDA 2040
26IC3	8340500	TDA 2040	TDA 2040
28Modul	8003715	Sound Processing Mono	Sound Processing Mono

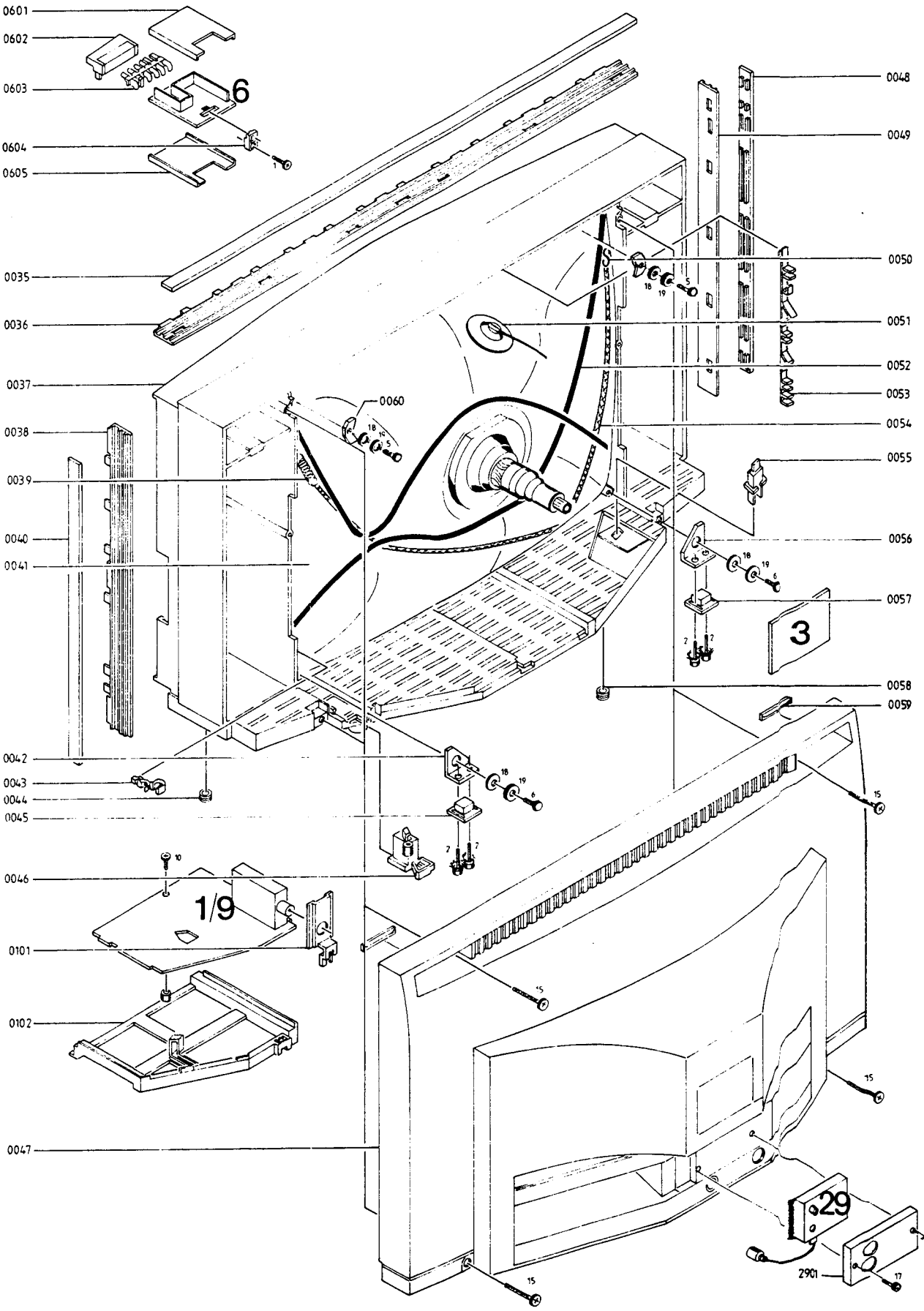
Oversigt over skruer og skiver/ Survey of screws and washers

1	2015010	Skrue M 3,5 x 16 DIN 7981	Screw M 3.5 x 16 DIN 7981
2	2044042	Skrue AM 3 x 12 DIN 912	Screw AM 3 x 12 DIN 912
4	2039017	Skrue AM 3 x 12 DIN 965	Screw AM 3 x 12 DIN 965
5	2044038	Skrue M 5 x 25 DIN 933	Screw M5 x 25 DIN 933
6	2044021	Skrue M 5 x 12 DIN 933	Screw M5 x 12 DIN 933
7	2015208	Skrue 3,5 x 19 DIN 7981	Screw 3.5 x 19 DIN 7981
8	2015066	Skrue 3,3 x 16	Screw 3.3 x 16
9	2015200	Skrue 3,5 x 6,5 DIN 7981	Screw 3.5 x 6.5 DIN 7981
10	2015201	Skrue 3,5 x 9,5	Screw 3.5 x 9.5
11	2015910	Skrue 3,5 x 9,5	Screw 3.5 x 9.5
12	2622003	Skive 4,3 DIN 6738	Washer 4.3 DIN 6738
13	2019007	Skrue 4 x 16	Screw 4 x 16
14	2021006	Skrue 5 x 20	Screw 5 x 20
15	2021000	Skrue 5 x 20	Screw 5 x 20
16	2034066	Skrue AM 2 x 5 DIN 965	Screw AM 2 x 5 DIN 965
17	2015116	Skrue 3,5 x 25	Screw 3.5 x 25
18	2622269	Skive	Washer
19	2623031	Skive	Washer

Netdelschassis/
Power supply chassis



0032	3152254	Holder	Holder
0033	3152535	Holder for LX 2800	Holder for LX 2800
	3152539	Holder for LX 2500	Holder for LX 2500
04Modul	8003599	Power Supply and Deflection	Power Supply and Deflection
0401	3358210	Køleplade	Heat sink
0402	2816154	Fjederclips	Spring clip
0403	2622383	Glimmerskive	Mica washer
0404	2816154	Fjederclips	Spring clip
0405	3358211	Køleplade	Heat sink
0406	2622383	Glimmerskive	Mica washer
0407	2816154	Fjederclips	Spring clip
0408	3114232	Chassis	Chassis
0409	3152436	Holder	Holder
4TR1	8320038	Transistor BU 508	Transistor BU 508
4TR11	8320038	Transistor BU 508	Transistor BU 508
4IC2	8340717	TDA 2170	TDA 2170
25Modul	8003722	Power Supply Antiope	Power Supply Antiope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Kabinet for Beovision LX 2800/ Cabinet for Beovsion LX 2800

0035	2568824	Profil, top	Profile, top
0036	3152415	Holder	Holder
0037	3414791	Kabinet, teak	Cabinet, teak
	3414793	Kabinet, palis	Cabinet, rosewood
	3414795	Kabinet, hvid	Cabinet, white
	3414799	Kabinet, ahorn	Cabinet, maple
	3302403	Skærm plade	Screen plate
	2620076	Filtskive	Felt washer
0038	3152438	Holder	Holder
0039	2810189	Fjeder	Spring
0040	2568825	Profil, side	Profile, side
0041	8200055	Billedrør 28"	Picture tube 28"
0042	3152446	Vinkel	Bracket
0043	3152413	Holder	Holder
0044	2389046	Indslagsmøtrik	Drive fit nut
0045	2576200	Afstandsstykke	Spacer
0046	3015107	Styr, signalchassis	Guide, signal chassis
0047	3414896	Bagpart	Rear cover
0048	2568825	Profil, side	Profile, side
0049	3152438	Holder	Holder
0050	2510119	Bøjle	Clamp
0051	6270315	EHT kabel	EHT cable
0052	8022222	Afmagnetiseringsspole	Degaussing coil
0053	3152414	Holder	Holder
0054	7510033	Stelstrømpe	Ground current
0055	2574014	Støtte for trafo	Support for transformer
0056	3152432	Vinkel	Bracket
0057	2576200	Afstandsstykke	Spacer
0058	2389046	Indslagsmøtrik	Drive fit nut
0059	3164600	Dæksel	Cap
0060	2576170	Afstandsstykke	Spacer

01Modul	8003586	Tuner and IF System B/G	Tuner and IF System B/G
	8003590	Tuner and IF System I	Tuner and IF System I
0101	3450539	Forplade	Front plate
0102	3114229	Chassis	Chassis

03Modul	8003595	Video Output	Video Output

06Modul	8003604	IR Receiver and Led's	IR Receiver and LED's
0601	3164558	Dæksel	Cap
0602	3131241	Hus	Housing
0603	3375049	Linse	Lense
0604	3152435	Holder	Holder
0605	3164558	Dæksel	Cap
	6270327	Antennestik	Aeriala plug

09Modul	8003612	Tuner and IF system L	Tuner and IF system L

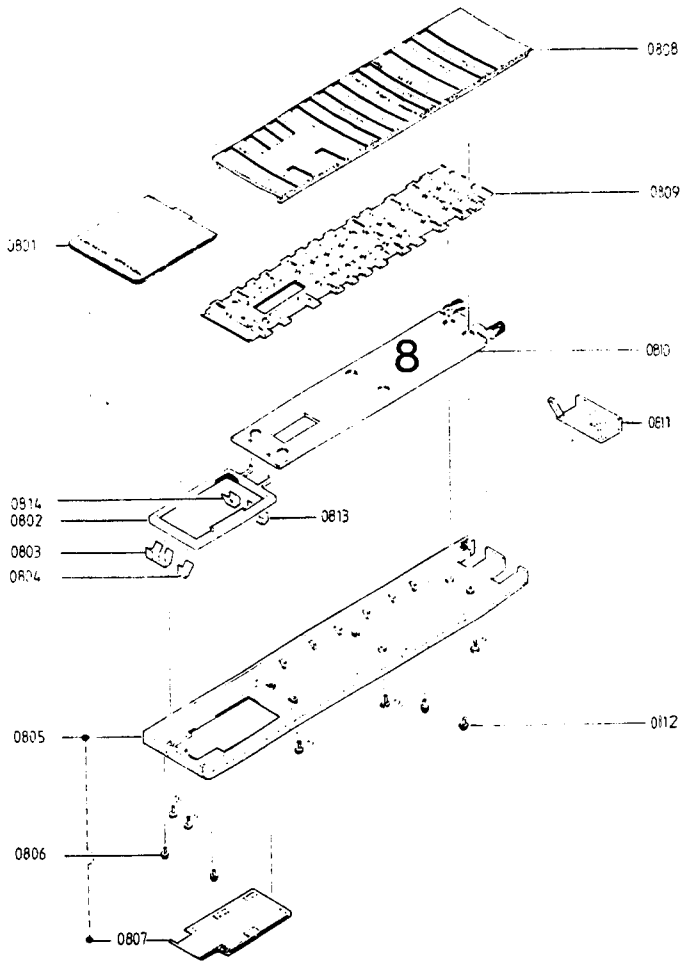
29Modul	8003719	Transposer	Transposer
2901	3131276	Dæksel	Cap

Kabinet for Beovision LX2500/ Cabinet for Beovision LX2500

0035	2568822	Profil, top	Profile, top
0036	3152451	Holder	Holder
0037	3414881	Kabinet, teak	Cabinet, teak
	3414883	Kabinet, palis	Cabinet, rosewood
	3414885	Kabinet, hvid	Cabinet, white
	3414889	Kabinet, ahorn	Cabinet, maple
0038	3152452	Holder	Holder
0040	2568823	Profil, side	Profile, side
0041	8200056	Billedrør 25"	Picture tube 25"
0047	3414906	Bagpart	Rear cover
0048	2568823	Profil, side	Profile, side
0049	3152452	Holder	Holder
0052	8022249	Afmagnetiseringsspole	Degaussing coil
0054	7510034	Stelstrømpe	Ground current
0059	3164601	Dæksel	Cap

Øvrige dele som kabinet for Beovision LX 2800	*Other parts like cabinet for Beovision LX2800*

Video Terminal/
Video Terminal

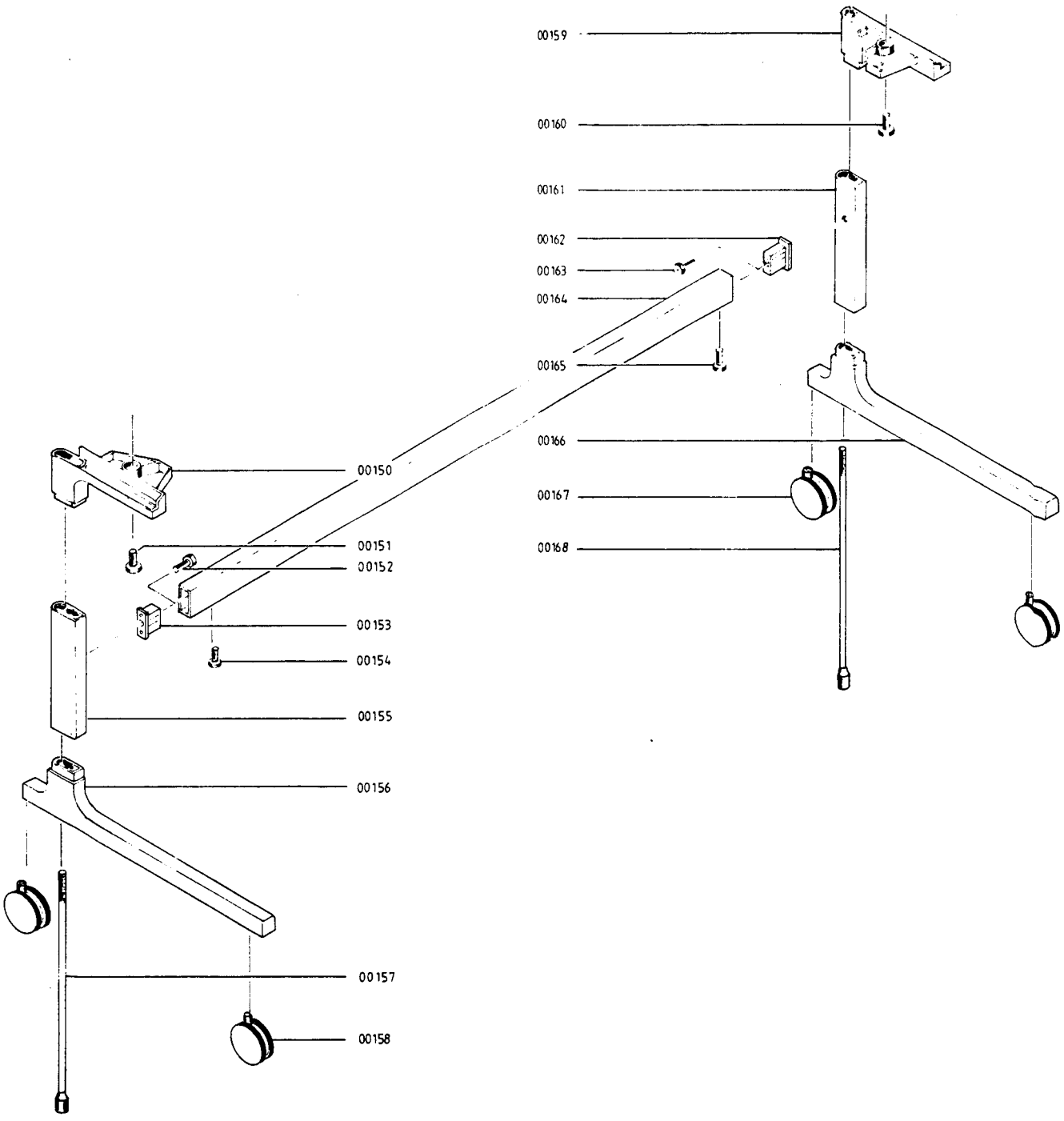


08Modul	8053181	Video terminal kompl.	Video terminal compl.
	8053201	Video terminal kompl. Antiope	Video terminal compl. Antiope
	8053203	Video terminal kompl. Italien	Videoterminal compl. Italian
0801	3164605	Dæksel	Cap
0802	3015152	Styr for batteri	Guide for battery
0803	2819204	Fjeder - bred	Spring - wide
0804	2819205	Fjeder - smal	Spring - narrow
0805	3131265	Bund	Bottom
0806	3341020	Glidesko	Plastic foot
0807	3164552	Dæksel for batteri	Cap for battery
0808	3131264	Top for terminal	Top for terminal
	3131279	Top for terminal, Antiope	Top for terminal, Antiope
	3131283	Top for terminal, Italien	Top for terminal, Italian
0809	2776042	Knapsæt	Set of buttons
	2775075	Knapsæt for Italien	Set of buttons Italian
0810	8003608	PCB Video Terminal	PCB Video Terminal
0811	3375047	Linse	Lense
0812	3341020	Glidesko	Plastic foot
0813	2819228	Fjeder - bred	Spring - wide
0814	2819229	Fjeder - smal	Spring - narrow

Bang&Olufsen

Ikke viste dele/ **Parts not shown**	7220026	COAX-stik 75 ohms, sort	COAX-plug 75 ohms, black
	7221034	COAX-stik 75 ohms, vinkelstik	COAX-plug 75 ohms, basket plug
Emballage for Beovision LX2800/ **Packing for Beovision LX2800**	3397568	Skumemballage	Foam packing
	3391935	Yderæske	Outer carton
Emballage for Beovision LX2500/ **Packing for Beovision LX 2500**	3397593	Skumemballage	Foam packing
	3391979	Yderæske	Outer carton

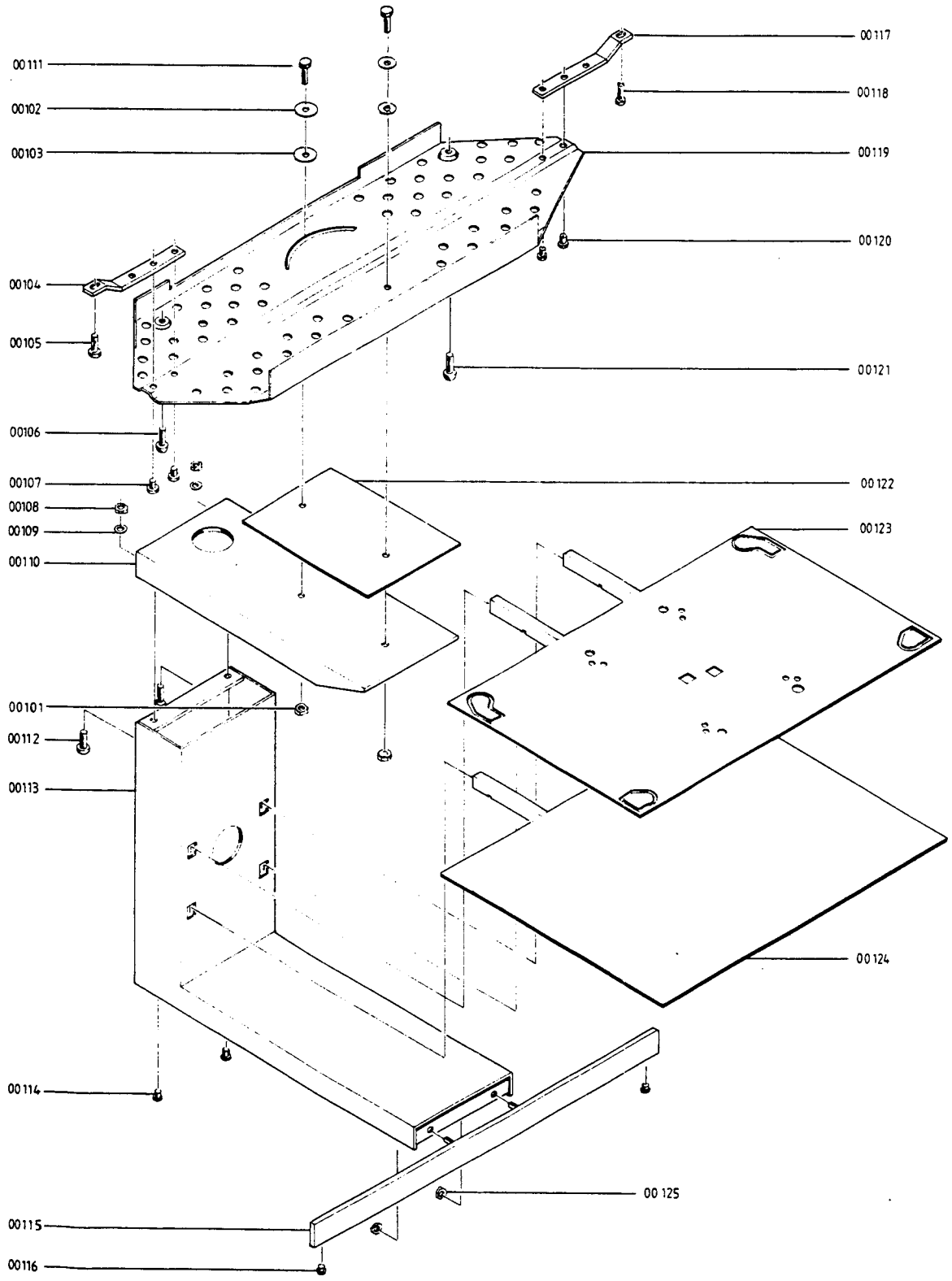
TV-bord 8930726/
TV-stand 8930726



00150	3458413	Top, venstre	Top, left
00151	2046200	Skrue AM 6x16	Screw AM 6x16
00152	2039065	Skrue M 3x16	Screw M 3x16
00153	3152531	Holder	Holder
00154	2015117	Skrue 3.5x19	Screw 3.5x19
00155	2570030	Søjle, venstre	Post, left
00156	3103228	Fod	Foot
00157	2830124	Akse	Axis
00158	3032019	Hjul	Wheel
00159	3458412	Top, højre	Top, right
00160	2046200	Skrue AM 6x16	Screw AM 6x16
00161	2570031	Søjle, højre	Post, right
00162	3152531	Holder	Holder
00163	2039065	Skrue M 3x16	Screw M 3x16
00164	2576196	Travers for LX2800	Travers for LX2800
	2576198	Travers for LX2500	Travers for LX2500
00165	2015117	Skrue 3.5x19	Screw 3.5x16
00166	3103228	Fod	Foot
00167	3032019	Hjul	Wheel
00168	2830124	Akse	Axis
	3391963	Emballage	Packing
	3397564	Skumemballage	Foam packing
	3390273	Pose med dele	Bag with parts

Videobord 8930736/8930746/ Video stand 8930736/8930746

00101	2380130	Møtrik M6	Nut M6
00102	2622413	Skive	Washer
00103	2622414	Skive, plast	Washer, plast
00104	3456146	Afstandsstykke	Spacer
00105	2046024	Skrue AM 6x16	Screw AM 6x16
00106	2021006	Skrue 5x20	Screw 5x20
00107	2046023	Skrue AM 4x8	Screw AM 4x8
00108	2380148	Møtrik M6	Nut M6
00109	2622415	Skive 6.4	Washer 6.4
00110	3458437	holder	Holder
00111	2046024	Skrue AM 6x16	Screw AM 6x16
00112	2046025	Skrue M 6x20	Screw M 6x20
00113	3100043	Holder	Holder
00114	3035051	Glidesko	Plastic foot
00115	3450675	Profil	Profile
00116	3035051	Glidesko	Plastic foot
00117	3456146	Afstandsstykke	Space
00118	2046024	Skrue AM 6x16	Screw AM 6x16
00119	3124108	Drejeplade	Rotary plate
00120	2046023	Skrue AM 4x8	Screw AM 4x8
00121	2021006	Skrue 5x20	Screw 5x20
00122	3900032	Mellemlægsplade	Gasket
00123	3151251	Hylde for type 3073	Shelf for type 3073
00124	3151253	Hylde for type 3074	Shelf for type 3074
00125	2380130	Møtrik M6	Nut M6
	3390290	Pose med dele	Bag with parts
	3391809	Emballage	Packing
	3397595	Skumemballage	Foam packing
	3543068	Samle instruktion	Assembly packing
	2510157	Ledningsholder	Holder for connector leads


00111
00102
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00125

Oversigt for emballage til modulforsendelse
Survey of packings for module transport

Modul nr. Module no.	Benævnelse Description	Emb. nr. Packing no.	Bemærkninger Remarks
1	Tuner and IF	3391844	
3	Video Output	3391574	
4	Power Supply and Deflection	3391844 3397605	
5	Teletext	3391576	
6	IR-Receiver and Led's	3391574	
7	Headphone	3391574	
8	Video terminal	3391574	
9	Tuner and IF	3391844	
10	Teletext	3391576	
11	Display	3391574	
15	Antiope Digital	3391576	
20	PAL-Secam Decoder	3391575	
21	PAL Decoder	3391575	
23	Antiope Analog	3391576	
24	Sound Processing	3391575	
25	Power Supply Antiope	3391574	
26	Time Base and Double A/V	3391844	
28	Sound Processing Mono	3391575	
29	Transposer	3391574	

Oversigt over ledningsbundter

	LX2800	LX2500
4P22 26(27)P9	6275628	6275640
1(9)P5 4P20	6275629	6275641
3P16 4P25	6275630	6275642
0P37 4P26	6275597	6275638
20(21)P13 3P15	6275598	6275598
26(27)P11 7P31	6275599	6275599
4P23	6275647	6275647
26(27)P12	6275647	6275647
1(9)P1 26(27)P10	6275631	6275631
1(9)P3 26(27)P8	6275632	6275632
26(27)P7 5(10)P29	6275634	6275634
1(9)P2 6P30	6275633	6275643
26(27)P14 4P21	6275611	6275639

Survey of wire bundles

	LX2800	LX 2500
1(9)P6 5(10)P34	6275635	6275635
4P24 25P32	6275674	6275674
1(9)P4 26(27)P44	6275670	6275670
26(27)P40 20(21)P42	6275603	6275603
26(27)P41 20(21)P43	6275604	6275604
1(9)P33 24P35	6275671	6275671
24P36 26(27)P45	6275672	6275672
24P38 26(27)P46	6275673	6275673
25P50 23P51	6275675	6275675
Focuskabel	6275605	6275605
EHT-Kabel	6275315	6275315
3P17	6031856	6031896

SERVICEJUSTERINGER VED HJÆLP AF TERMINAL

Reset
Lys og farvemætning indstilles på nominelle værdier (32 på billedskærmens front).
Denne værdi gemmes (Stores) i modtageren, [STORE] [PICTURE] [STORE] således at den indstilles ved aktivering af [RESET].

Preset
Justering ved hjælp af videoterminal.

Preset justering af lys, farvemærning og valg af transposefreksens. Sidstnævnte i multistandart modtagere (System B-G-L).

Lys og farvemætning indstilles til nominelle værdier, som under RESET.

1. Modtager i ST BY.
2. Kortslut stikkene mærket »SERVICE« på modul 1 Tuner IF eller modul 9 Tuner IF (multistandard).
3. Tænd modtageren.

SERVICE ADJUSTMENTS BY MEANS OF TERMINAL

Reset
Brilliance and saturation is set at nominal values (32 on the front of the viewing screen). Store this value in the receiver [STORE] [PICTURE] [STORE] in the way that it sets when activating [RESET].

Preset
Adjustment by means of video terminal.

Preset adjustment of brilliance, saturation and selection of transpose frequency. The latter in multistandard receivers (System B-G-L).

Brilliance and saturation are set at nominal values, like for RESET.

1. Receiver in ST BY.
2. Short circuit the sockets marked »SERVICE« on module 1 Tuner IF or module 9 Tuner IF (multistandard).
3. Switch on the receiver.

Justeringsoversigt / Adjustments Survey

Justering/Adjustment	Område/Range	Typisk værdi/Typical value
Lys/Brilliance	0-7	3
Mætning/Saturation	0-7	3
k1	Anvendes ikke/Not used	
k2	Anvendes ikke/Not used	
Transpose frecuency	193-200	Anvendes i multistandard app./ Used in multistandard sets

[STEP] knappen skifter til næste justering.

Justering sker ved hjælp af [^] og [v].

De ønskede værdier lagres ved aktivering af [STORE] to gange. Display skifter til grønt. Omfatter kun den justering der indikeres af displayet.

The [STEP]-button switches to next adjustment.

Adjustment takes place by means of [^] and [v].

Store the values wanted by activating [STORE] twice. Display switches into green. This goes only for the adjustment indicated on the display.

JUSTERINGSVEJLEDNING
Under de efterfølgende justeringer skal modtageren være tilsluttet et normalt farvetestbillede, hvis ikke andet er nævnt.

Service justeringer via terminal skal være foretaget.

Modul 1 Tuner IF System B/G/I
Video ampl.
Oscilloskop tilsluttes TP15, på modul 1 (Tuner IF).

Med R46 Video ampl., på modul 1 (Tuner IF) justeres til 2.2 Volt fra synk spids til 100% hvidt.

AGC Take Over
Før denne justering, skal fjernsynet være tændt i minimum 15 minutter.

Antennesignal på 1,5 mV.

Voltmeter tilsluttes TP10, på modul 1 (Tuner IF).

Med R49 AGC Take Over, på modul 1 (Tuner IF), justeres til spændingen i 1TP10 begynder at falde.

Modul 9 Tuner IF System B/G/L
Video ampl.
Test billede System B/G
Oscilloskop tilsluttes TP15, på modul 9 (Tuner IF).

Med R46 Video ampl., på modul 9 (Tuner IF), justeres til 2.5 Volt fra synk spids til 100% hvidt.

AGC Take Over
Test billede System B/G
Før denne justering, skal fjernsynet være tændt i minimum 15 minutter.

Antennesignal på 1.5 mV.

Voltmeter tilsluttes TP10, på modul 9 (Tuner IF).

Med R49 AGC Take Over, på modul 9 (Tuner IF), justeres til spændingen i 1TP10 begynder at falde.

Peak AGC
Test billede System L
Oscilloskop tilsluttes TP15, på modul 9 (Tuner IF).

Med R255 Peak AGC, på modul 9 (Tuner IF), justeres til 2.5 Volt fra synk spids til 100% hvidt.

AGC Take Over
Test billede System L
Før denne justering, skal fjernsynet være tændt i minimum 15 minutter.

Antennesignal på 1.5 mV.

ADJUSTMENT INSTRUCTION
When undertaking the following adjustments the receiver must be connected to a normal colour test picture, if nothing else is mentioned.

Service adjustments via terminal must be made.

Module 1 Tuner IF System B/G/I
Video ampl.
Connect oscilloscope to TP15, on module 1 (Tuner IF).

Adjust with R46 Video ampl. on module 1 (Tuner IF) to 2.2 V from sync peak till 100% white.

AGC Take Over
Before this adjustment, the TV-set must be switched on for minimum 15 minutes.

Aerial signal of 1.5 mV.

Connect voltmeter to TP10, on module 1 (Tuner IF).

Adjust with R49 AGC Take Over on module 1 (Tuner IF) until the voltage on 1TP10 drops.

Module 9 Tuner IF System B/G/L
Video ampl.
Test picture System B/G.
Connect oscilloscope to TP15, on module 9 (Tuner IF).

Adjust with R49 Video ampl. on module 9 (Tuner IF) to 2.5 V from sync peak till 100% white.

AGC Take Over
Test picture System B/G.
Before this adjustment the TV-set must be switched on for minimum 15 minutes.

Aerial signal of 1.5 mV.

Connect Voltmeter to TP10, on module 9 (Tuner IF).

Adjust with R49 AGC Take Over on module 9 (Tuner IF) until voltage of 1TP10 drops.

Peak AGC
Test picture System L.
Connect oscilloscope to TP15 on module 9 (Tuner IF).

Adjust with R255 Peak AGC, on module 9 (Tuner IF), to 2.5 V from synch peak till 100% white.

AGC Take Over
Test picture System L.
Before this adjustment the TV-set must be switched on for minimum 15 minutes.

Aerial signal of 1.5 mV.

Voltmeter tilsluttes TP10, på modul 9 (Tuner IF).

Med R262 AGC Take Over, på modul 9 (Tuner IF), justeres til spændingen i 1TP10 begynder at falde.

HORISONTAL AFBØJNING

Hor. frekvens

På modul 26-27 (Time Base and A/V) kortsluttes ben 12 og 14 på IC5.

På modul 26-27 (Time Base and A/V) justeres med R63 til langsomst billedrul.

Kortslutning fjernes.

Øst/vest Parabel

Justeres på modul 26-27 (Time Base and A/V) med R101.

Hor. amplitude

Justeres på modul 26-27 (Time Base and A/V) med R106.

Hor. centrering/Phase

Lys indstilles til maksimum.

Med R106 Horisontal amplitude, på modul 26-27 (Time Base and A/V), justeres til mininum.

Med R65 Horisontal phase, på modul 26-27 (Time Base and A/V), centreres billedet så det ligger indenfor scantiden.

Med S1 Horisontal centrering, på modul 4 (Power supply and deflection), centreres billedet bedst muligt.

Med R106 Horisontal amplitude, på modul 26-27 (Time Base and A/V) justeres korrekt.

Horisontal phase R65, på modul 26-27 (Time Base and A/V), efterjusteres.

Fokus

Lys- og farvemætning indstilles til nominelle værdier (32 på billedskærmen).
Kontrast indstilles til maksimum.
Med fokus potentiometeret (EHT transformator længst væk fra printet) justeres indtil der opnås maksimal skarphed set 9-10 cm fra skærmkanten.

VERTIKAL AFBØJNING

Vert. amplitude

Justeres med R85 på modul 26-27 (Time Base and A/V).

Vert. tilt

Justeres med R87 på modul 26-27 (Time Base and A/V).

Connect voltmeter to TP10, on module 9 (Tuner IF).

Adjust with R2262 AGC Take Over on module 9 (Tuner IF), until voltage in 1TP10 drops.

HORIZONTAL DEFLECTION

Hor. frequency

Short circuit pins 12 and 14 of IC5 on module 26-27 (Time Base and A/V).

Adjust with R63 to slow picture roll on module 26-27 (Time Base and A/V).

Remove short circuit.

East/West Parabola

Adjust with R101 on module 26-27 (Time base and A/V).

Hor. amplitude

Adjust with R106 on module 26-27 (Time Base and A/V).

Hor. centering/Phase

Set brilliance at maximum.

Adjust with R106 Horizontal amplitude, on module 26-27 (Time Base and A/V), to minimum.

Centre the picture to lie within the scan time using R65 Horizontal phase, on module 26-27 (Time Base and A/V).

Centre the picture the best possible way using S1 Horizontal centering on module 4 (Power supply and deflection).

Adjust correctly with R106 Horizontal amplitude, on module 26-27 (Time Base and A/V).

Re-adjust horizontal phase R65, on module 26-27 (Time Base and A/V).

Focus

Brilliance and saturation are set at nominal values (32 on the viewing screen).
Set contrast at maximum.
Use the focus potentiometer (EHT transformer farthest off the print), to adjust until maximum sharpness is achieved seen at a distance of 9-10 cm from the edge of the screen.

VERTICAL DEFLECTION

Vert. amplitude

Adjust with R85 on module 26-27 (Time Base and A/V).

Vert. tilt

Adjust with R87 on module 26-27 (Time Base and A/V).

Vert. Linearitet
Justeres med R111 på modul 26-27 (Time Base and A/V).

Vert. centrering
Justering med R108 på modul 26-27 (Time Base and A/V).

Justeres til top og bund passer (er afhængig af R111 vertikal liniaritet).

PAL-SECAM
4.43 MHz
Oscilloscop tilsluttes TP3, på modul 20-21 (Pal decoder).

Med L3 -4.43MHz, på modul 20-21 (Pal decoder), justeres til minimum 4.43 MHz på signalet.

Phase
Oscilloscop tilsluttes TP3, på modul 20-21 (Pal decoder).
X-afbøjningen indstilles på 10µs/cm. (Indstilles således at der ses både lige og ulige hor. linier).

Med L8 Phase, på modul 20-21 (Pal decoder), justeres til bedst muligt sammenfald i farvebaren.

Amplitude
Modtageren tilsluttes et PAL-testbillede (farve bar).

Oscilloskop tilsluttes TP3, på modul 20-21 (Pal decoder).

Med R61 Amplitude, på modul 20-21 (Pal decoder) justeres til bedst muligt sammenfald yderst til højre af testbilledet.

Farvemætning
Aktiver [RESET] knappen på video terminalen.

Lys- og farvemætning indstilles til nominelle værdier. (32 på billedskærmen).
Kontrast indstilles til 42.

Med R46 Saturation, på modul 20-21 (Pal decoder), justeres indtil der opnås korrekt farvemætning set på testbilledet.

Cut-off
Inden denne justering foretages, kontrolleres at Hor. amplitude R106, på modul 26-27 (Time Base and A/V), er justeret korrekt.

Lys indstilles til nominel værdi (32 på billed-skærmen).

Kortslut TP7 og TP8 på modul 20-21 (Pal decoder).

Vert. linearity
Adjust with R111 on module 26-27 (Time Base and A/V).

Vert. centering
Adjust with R108 on module 26-27 (Time Base and A/V).

Adjust until top and bottom fits (depending upon R111 vertical linearity).

PAL-SECAM
4.43 MHz
Connect oscilloscope to TP3, on module 20-21 (Pal Decoder).

Adjust with L3 -4.43 MHz, on module 20-21 (Pal Decoder) until minimum 4.43 MHz on the signal.

Phase
Connect oscilloscope to TP3, on module 20-21 (Pal decoder).
Set X-deflection at 10µs/cm.
(Is set so that even and uneven hor. lines can be seen).

Adjust with L8 Phase, on module 20-21 (Pal decoder) until best possible convergence of the colour bar.

Amplitude
The receiver is connected to a PAL test picture (colour bar).

Connect oscilloscope to TP3, in module 20-21 (Pal decoder).

Adjust with R61 Amplitude, on module 20-21 (Pal decoder) until best possible convergence at the very righthand side of the test picture.

Saturation
Activate [RESET] button on the video terminal.

Brilliance and saturation are set at nominal values (32 on the viewing screen).
Contrast is set at 42.

Use R46 Saturation, on module 20-21 (Pal decoder) to adjust until correct saturation is achieved in the test picture.

Cut-off
Before this adjustment is made, check that hor. amplitude R106, in module 26-27 (Time Base and A/V) is correctly adjusted.

Brilliance is set at nominal value (32 on the viewing screen).

Short circuit TP7 and TP8 on module 20-21 (Pal decoder).

Med et DC voltmeter (Ri>1 Mohms) måles spændingsfaldet overe 3R04, 3R10 og 3R16 på modul 3 (Video output).

Juster med gitter 2 (screen) potentiometeret (EHT transformator nærmest printet) indtil der er 17 Volt over den af 3R04, 3R10 og 3R16, der har det mindste spændingsfald.

Efter endt justering fjernes kortslutningen.

Cut-off balance
Lys indstilles til nominel værdi (32 på billedskærmen).

Farvemætning indstilles til minimum.

Med R108 og R106, på modul 20-21 (Pal decoder), justeres de mørke partier (felter) i testbilledet til at være farveløs.

Drive
Med R111 og R116, på modul 20-21 (Pal decoder), justeres til korrekt hvidpunkt.

Cloche filter
Modtageren tilsluttes et SECAM testbillede.

Oscilloskop tilsluttes IC 2 ben 18 på modul 20-21 (Pal decoder).

Med L5 Cloche, på modul 20 (Pal Secam decoder), justeres til bedst mulig farvebar.

NB. Denne justering kan også foretages ved at se på billedskærmen.
Med L5 Cloche på modul 20 (Pal Secam decoder) justeres til bedst mulig farveovergange i farvebaren.

Secam Discriminator
Modtageren tilsluttes et SECAM testbillede.

Oscilloskop tilsluttes IC 2 ben 18 på modul 20 (Pal Secam decoder).

Med L6 Discriminator, på modul 20 (Pal Secam decoder), justeres støjen i horisontal tilbageløbet til at ligge symetrisk omkring reference niveauet.

ΔFo
Modtageren tilsluttes en SECAM servicegenerator der kan afgive et testbillede med sort indhold, og hvorpå farvebærebølgen kan afbrydes.

Oscilloskop tilsluttes TP3 på modul 20 (Pal Secam decoder).

Med R74 ΔFo, på modul 20 (Pal Secam decoder), justeres sort niveauet til at have samme niveau med og uden farvebærebølge.

With a DC voltmeter (Ri>1 Mohms) the voltage drop over 3R04, 3R10 and 3R16 in module 3 (Video output) is measured.

Adjust with grid 2 (screen) potentiometer (EHT transformer closest to the print) until 17 V are measured over the one of 3R04, 3R10 and 3R16 with the smallest voltage drop.

After ended adjustment the short circuit is removed.

Cut-off balance
Set brilliance at nominal value (32 on the viewing screen).

Saturation is set at minimum.

Use R108 and R106, on module 20-21 (Pal decoder) to adjust the dark parts (sections) of the test picture to be colourless.

Drive
Adjust with R111 and R116, on module 20-21 (Pal decoder) until correct white point.

Cloche filter
The receiver is connected to a Secam test picture.

Connect oscilloscope to IC2 pin 18 on module 20-21 (Pal decoder).

Adjust with L5 CLoche, on module 20 (Pal Secam decoder) until best possible colour bar.

NB! This adjustment can also be achieved by looking at the viewing screen.
Adjust with L5 Cloche on module 20 (Pal Secam decoder) until best possible colour shade of the colour bar.

Secam Discriminator
The receiver is connected to a SECAM test picture.

Connect oscilloscope to IC2 pin 18 on module 20 (Pal Secam decoder).

Use L6 Discriminator, on module 20 (Pal Secam decoder) to adjust the noise in the horizontal fly back to lie symmetrically around the reference level.

ΔFo
Connect the receiver to a SECAM service generator which can produce a test picture with black contents and in which the colour carrier wave can be cut off.

Connect oscilloscope to TP3 on module 20 (Pal Secam decoder).

Use R74 ΔFo on module 20 (Pal Secam decoder) to adjust the black level to have level with or without colour carrier wave.

Amplitude
Modtageren tilsluttes et SECAM testbillede (farve bar).

Oscilloskop tilsluttes TP3 på modul 20-21 (Pal Secam decoder).

Med R61 Amplitude, på model 20-21 (Pal Secam decoder), justeres til bedst mulig sammenfald i farvebaren.

STEREO DEKODER
Til justering af dekoderen skal der anvendes en CTV servicegenerator, der har mulighed for valg imellem følgende former for lydmodulation: Normal lyd (mono), stereo og double sound.

Ved udarbejdelse af denne justeringsprocedure er der anvendt en Philips generator »PM 5519 GX Colour TV Pattern Generator«.

CH1/CH2 lyd niveau
Stereo generator indstilles til dual sound, med samme modulation i begge kanaler.

Oscilloskop tilsluttes i TP21, på modul 1-9 (Tuner and IF), værdien aflæses.

Oscilloskop tilsluttes i TP20, på modul 1-9 (Tuner and IF), værdien aflæses.

Med R22 AF Level, på modul 1-9 (Tuner and IF), justeres til samme værdi i TP 20 som i TP 21.

54 KHz
Indstil generatoren til STEREO lydmodulation

Oscilloskop tilsluttes TP4, på modul 24 (Sound processing).

Med L2 54 KHz, på modul 24 (Sound processing), justeres til maksimum amplitude.

274.1 Hz
Indstil generatoren til double sound lydmodulation.

Oscilloskop tilsluttes TP5, på modul 24 (Sound processing).

Med R64, 274.1 Hz, på modul 24 (Sound processing), justeres til maksimum amplitude.

54KHz
Indstil generatoren til double sound lydmodulation.

Oscilloskop tilsluttes TP5, på modul 24 (Sound processing).

Med L1 54 KHz, på modul 24 (Sound processing), justeres langsomt indtil det punkt, hvor der lige netop måles maksimum amplitude.

Amplitude
The receiver is connected to a SECAM test picture (colour bar).

Connect oscilloscope TP3 on module 20-21 (Pal Secam decoder).

Adjust with R61 amplitude, on module 20-21 (Pal Secam decoder) until best possible convergence in the colour bar.

STEREO DECODER
Use a CTV service generator, with the possibility of selection between the following sorts of sound modulation: Normal sound (mono), stereo and double sound, to adjust the decoder.

When working out this adjustment procedure a Philips generator »PM 5519 GX Colour TV Pattern Generator« is used.

CH1/CH2 sound level
Set stereo generator at dual sound, with same modulation in both channels.

Connect oscilloscope to TP21 om modules 1-9 (Tuner and IF), read the value.

Connect oscilloscope to TP20, on module 1-9 (Tuner and IF) read the value.

Use R22 AF Level on module 1-9 (Tuner anf IF) to adjust to same value in TP20 as in TP21.

54 KHz
Set generator at STEREO sound modulation.

Connect oscilloscope to TP4 on module 24 (sound processing).

Use L2 54 KHz on module 24 (Sound processing) to adjust to maximum amplitude.

274.1 Hz
Set generator at double sound modulation.

Connect oscilloscope to TP5 on module 24 (Sound processing).

Use R64 274.1 Hz, on module 24 (Sound processing) to adjust to maximum amplitude.

54 KHz
Set generator at double sound modulation.

Connect oscilloscope to TP5, on module 24 (Sound processing).

Use L1 54 KHz on module 24 (Sound processing) to adjust slowly until the epoint where maximum amplitude is just measured.

117.5 Hz
Indstil generatoren til stereo lydmodulation.

Oscilloskop tilsluttes TP3, på modul 24 (Sound processing).

Med R56 117.5 Hz, på modul 24 (Sound Processing), justeres til maksimum amplitude.

Matrix
Indstil generatoren til at afgive stereo lydmodulation i højre kanal (på Philips generatoren indtrykkes knapperne »mono/stereo« og »1(L)/1-2(R9)«).

Oscilloskop tilsluttes IC3 ben 14, på modul 24 (Sound Processing).

Med R17 Stereo Matrix, på modul 24 (Sound Processing), justeres indtil der måles mindst muligt signal.

Balance
Et mono signal tilføres fjernsynet.

Balancen, på billedskærmens front, indstilles til niveau 0.

Med R91 Balance 0 Level, på modul 24-28 (Sound Processing), justeres til ens højttaler output.

TELETEKST
VCO
FJernsynet bringes i Teletekst mode.

Kortslut IC1 ben 22, på modul 5-10 (Teletext), til stel.

Med L2 VCO, på modul 5-10 (Teletext), justeres til mest stillestående billede.

Kortslutning fjernes.

ANTIOPE
5 Volt
Med R41, på modul 23 (Analog Decoder) justeres til 5 Volt ±0,25 Volt.

-5 Volt
Med R46, på modul 23 (Analog Decoder) justeres til -5 Volt ±0,25 Volt.

12 Volt
12 Volt ±0,8 Volt spændingen koltrolleres.

Slice
Oscilloskop tilsluttes IC1 ben 11, på modul 23 (Analog Decoder) 1µ Sec/div. Triggerpuls fra 23IC1 ben 1 (Video).
Med R25 Slice, på modul 23 (Analog Decoder), justeres pulsen til opadgående på andet clock run in.

117.5 Hz
Set generator at stereo sound modulation.

Connect oscilloscope to TP3, on module 24 (Sound processing).

Use R56 117.5 Hz on module 24 (Sound Processing) to adjust until maximum amplitude.

Matrix
Set generator to give stereo sound modulation in the right channel (press the buttons »mono/stereo« and »1(L)/1-2(R9)« on the Philips generator).

Connect oscilloscope to IC3 pin 14 on module 24 (Sound Processing).

Adjust with R17 Stereo Matrix on module 24 (Sound processing) until smallest possible signal is measured.

Balance
Feed a mono signal to the TV set.

The balance, on the front of the viewing screen, is set at level 0.

Use R91 Balance 0 Level, in modules 24-28 (Sound Processing) to adjust to equal loudspeaker output.

TELETEXT
VCO
Set the TV set in Teletext mode.

Short circuit IC1 pin 22, on module 5-10 (Teletext) to ground.

Adjust with L2 VCO, on module 5-10 (Teletext) to most static picture.

Remove short circuit.

ANTIOPE
5 Volt
Use R41, on module 23 (Analog Decoder) to adjust to 5V ± 0.25 Volt.

- 5 Volt
Use R46, on module 23 (Analog Decoder) to adjust to -5V ± 0.25 Volt.

12 Volt
Check 12V ± 0.8 Volt voltage.

Slice
Connect oscilloscope to IC1 pin 11, on module 23 (Analog Decoder) 1µSec/div. Trigger pulse from 23IC1 pin 1 (Video).
Use R25 Slice, on module 23 (Analog Decoder) to adjust the pulse to go upwards on second clock run in.

Tank Kreds
Oscilloskop tilsluttes IC1 ben 17, på modul 23 (Analog Decoder) 20µSec/div. Triggerpuls fra 23IC1 ben 1 (Video).
Med L1 Tank kreds, på modul 23 (Analog Decoder) justeres til maksimum.

Dot OSC
Med L1 Dot Osc., på modul 15 (Digital Decoder), centreres tekstbilledet.

NB. Hvis dot osc er helt ude af justering kører video-processor ikke, ingen display af tekst.

Tank circuit
Connect oscilloscope to IC1 pin 17, on module 23 (Analog Decoder) 20µSec/div. Trigger pulse from 23IC1 pin 1 (Video).
Use L1 Tank circuit, on module 23 (Analog Decoder) to adjust to maximum.

Dot OSC
Use L1 Dot Osc., on module 15 (Digital Decoder) to centre the text picture.

NB. In case dot osc. is completely out of alignment, video processor does not work, no text display.

Bang&Olufsen

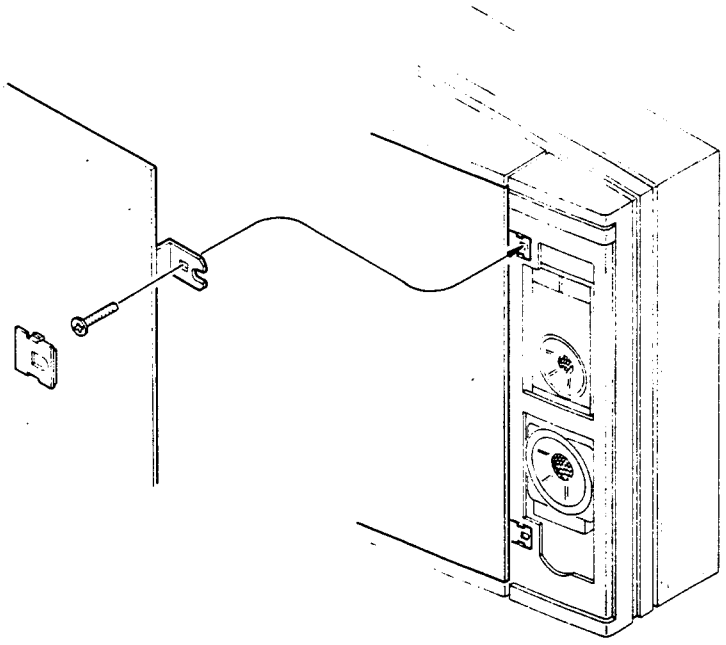
TECHNICAL SPECIFICATIONS	BEOVISION LX2500 - LX2800
Picture tube size	Beovision LX2500 25" - 66 cm
	Beovision LX2800 28" - 70 cm
Cabinets	Wood
Features	Stereo sound
	Stereo enhancement
	Bilingual sound
Numbers of programms	32 VHF-UHF, S-channels
Range	VHF 46-300 MHz
	UHF 470-862 MHz
Picture tube	45 AX 110° in line self converging
Start time	Approx. 5 sec.
Aerial impedance	75 ohms coaxial
Speakers, 2 set Log Line system	Woofer 4" - 10 cm
	Tweeter 2" - 5 cm
Sound power output	2 x 15 watts/8 ohms
Frequency range	25 Hz - 20,000 Hz ± 1.5 dB
Bass control	± 8 dB/100 Hz
Treble control	± 8 dB/10,000 Hz
Power supply	180-265 volts
Power frequency	50-60 Hz
Power consumption	100 (75-165) watts
Stand by	3,5 watts
Dimensions W x H x D/Weight	Beovision LX2500 - 77.5 x 47.5 x 42.5 cm/35,6 kg
	Beovision LX2800 - 86 x 52 x 46 cm/43 kg
Connections:	
Headphones output	Max 10.5V/200Ω
External speakers	8 ohms
A/V Socket 6p DIN	Video output 1Vpp 75Ω
AUX 3	Video input 1Vpp 75Ω
	Audio input 1V 47 kΩ
	Audio output 1V 1kΩ
A/V Socket 21p	Video output 1Vpp 75Ω
AUX 2	Video input 1Vpp 75Ω
	RGB input 0.7Vpp 75Ω
	Fast blanking 2V 75Ω
	Audio input 1V 47kΩ
	Audio output 1V 1kΩ
	IR-codes pin8 2Vpp
	Control voltage pin 8 >9.5 V
Tape output	1V 1kΩ
Amp. output	1V 1kΩ
Line	Input 1V 47kΩ
	Output 0-2V 1kΩ (dep on volume level)
	IR-input
All signalvalues are corresponding to 100% modulation	
Printer output	RS 232 Serial data
	Baud rate: 600
TXT-memory	8 pages
Accessories (additional price)	
Table with castors	Type 3072
Videostand	type 3073-3074
Stereo headphones	Form 1 - Form 2
Loop amplifier	8003316

Installationskit for:	
Teletext S-D-GB	8003727
Teletext D-I-F	8003732
Antiope	8003486
Secam East	8003485

Subject to change without notice

ADSKILLELSE
Kontrastskærm

SEPARATION
Contrast screen



Rammen med højttalerstof fjernes ved først at trække forsigtigt ud for neden, dernæst i midten og til sidst foroven.

Remove frame with loudspeaker cloth by first pulling carefully from the bottom, then in the middle and finally from the top.

De fire dæksler, to i hver side, aftages med en lille flad skruetrækker.

Remove the four caps, two in each side, using a small flat screw driver.

Skruerne som holder skærmen er nu tilgængelige.

The screws which hold the screen are now accessible.

Afmonter de to nederste skruer og *kun* en foroven.

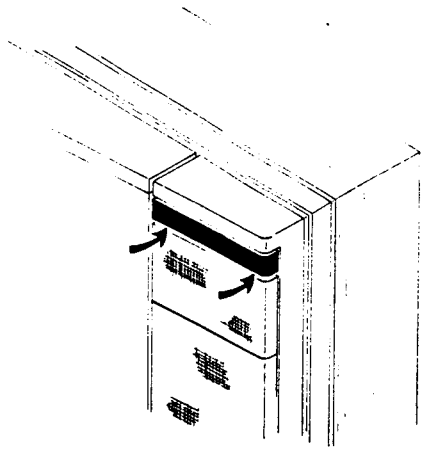
Remove the two bottom screws and *one* from the top.

Hold godt fast på skærmen medens den sidste skrue fjernes.

Hold tightly on to the screen while removing the last screw.

IR dæksel

IR cover

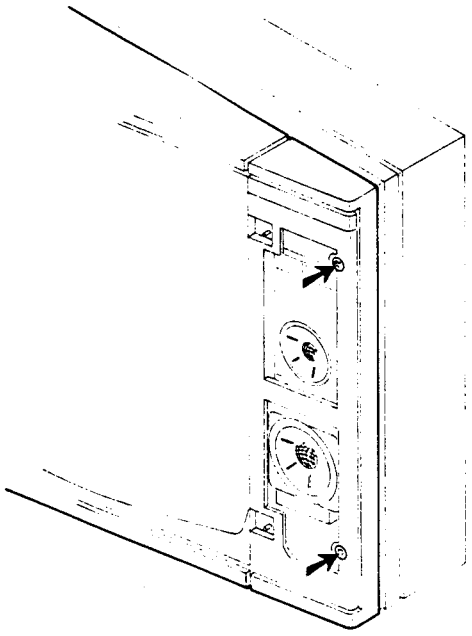


Tryk med en lille flad skruetrækker ind på tappene som sidder i kanten på IR dækslet, vrid samtidig lidt opad.

Press a small flat screw driver on the taps placed at the edge of the IR cover, while simultaneously twisting a little upwards.

Frontramme

Front frame



Kontrastskærmen afmonteres.

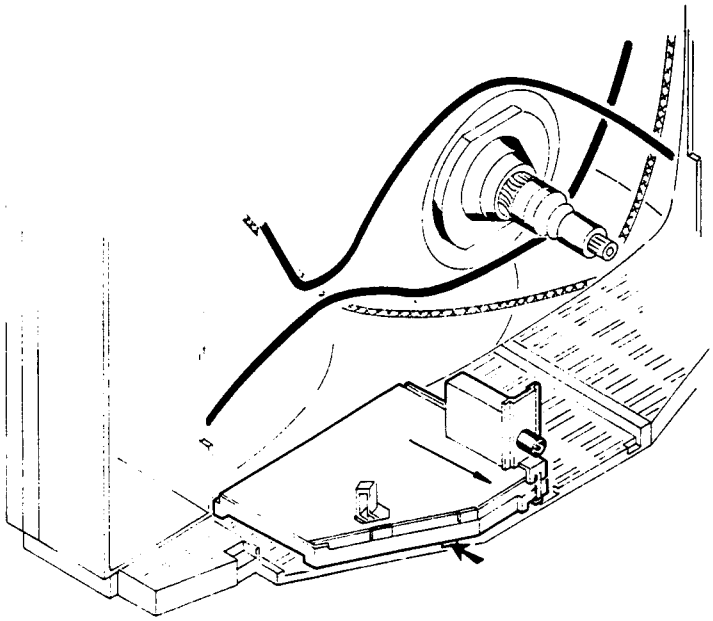
De to viste skruer og de to tilsvarende i den anden side skrues af, og frontrammen kan aftages.

Remove the contrast screen.

Unscrew the two screws illustrated as well the two corresponding screws in the other side, and take of the front frame.

MF modul

IF module



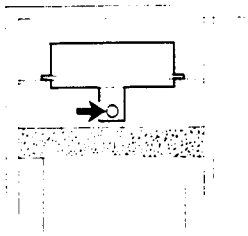
Tappen som sidder inde i hullet i chassiskanten løsnes.

Træk samtidig udad i modulet.

Loosen the tap placed in the hole of the chassis edge.

Simultaneously pull the module outwards.

Dioder i IR modtager



Den viste skrue fjernes.

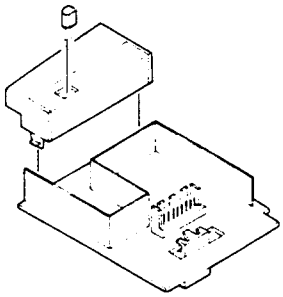
Top og bund dæksler tages af.

Dioden som sidder i hullet på lyskassen loddes af.

Lyskassen tages af ved at trykke på de to tappe på printsiden.

Dioderne er nu tilgængelige.

Diodes in IR receiver



Remove the screw illustrated.

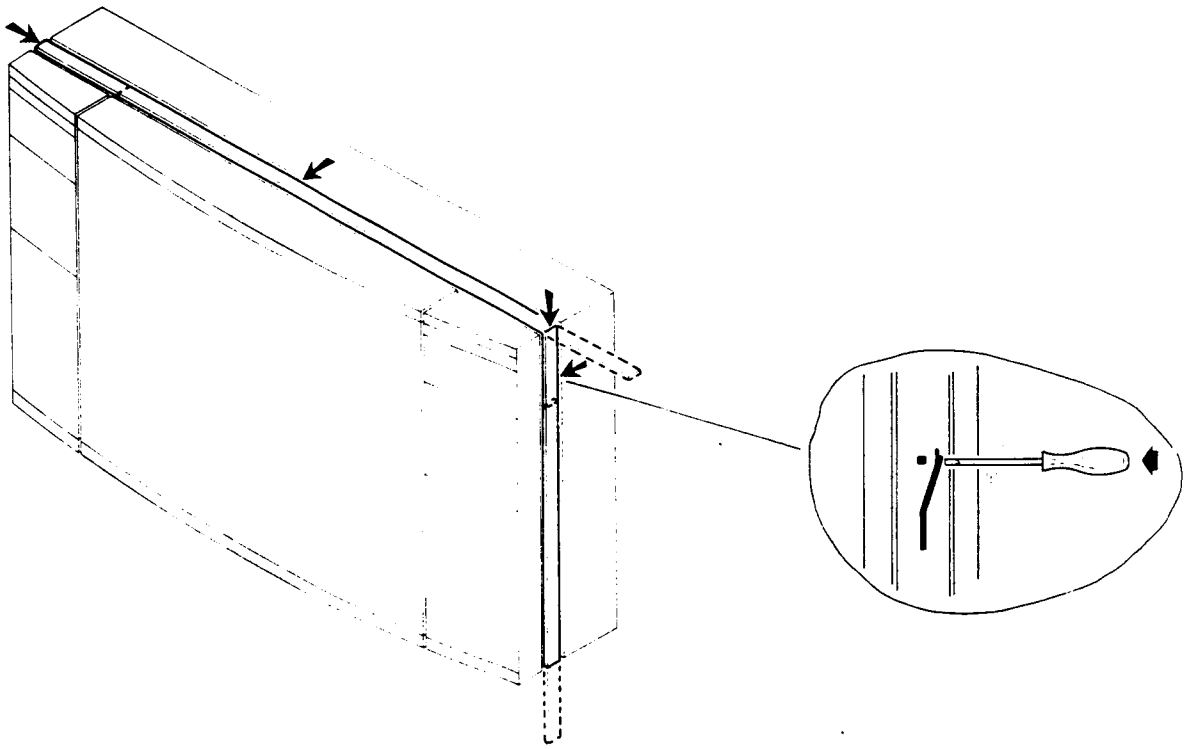
Take off top and bottom covers.

De-solder the diode placed in the hole on the light box.

Remove light box by pushing the two taps on the copper foil side.

The diodes are now accessible.

Topliste/Sideliste



Sidelisterne løsnes ved at udløse låsen med en smal skruetrækker.

Når låsen er udløst kan sidelisten skubbes ned.

Toplisten løsnes som sidelisterne.

Toplisten skubbes mod højre.

Top list/Side list

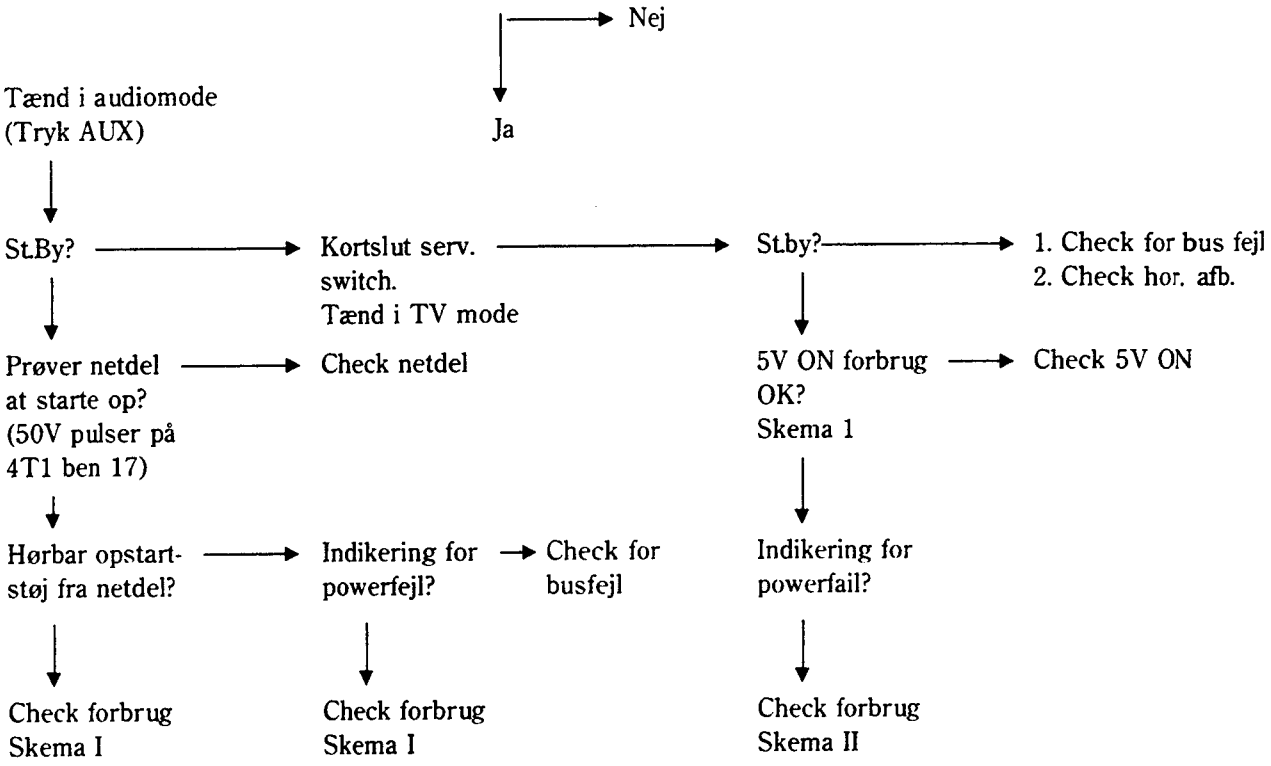
Loosen side lists by releasing lock using a small screw driver.

Now the side list may be pushed down.

Loosen top list like the side lists.

Push top list towards the right.

Reparationsguide hvis modtageren går i st. by



Powerfejl = 5V på 1TR15 (9TR15) Kollektor

Kontrol af forbrug på diverse forsyningsspændinger.

I

Forsyn.spænding	Tilført testspænding (kun én af gangen)	Forbrug uden tilsluttet netspænding
150V	50V over 4C10	< 40mA
* 40V	40V over 4C13	ca. 70mA
17V	17V over 4C11	ca. 420mA
9V	9V over 4C12	ca. 290mA
5V ON	5V over 1C37 (9C37)	ca. 140mA

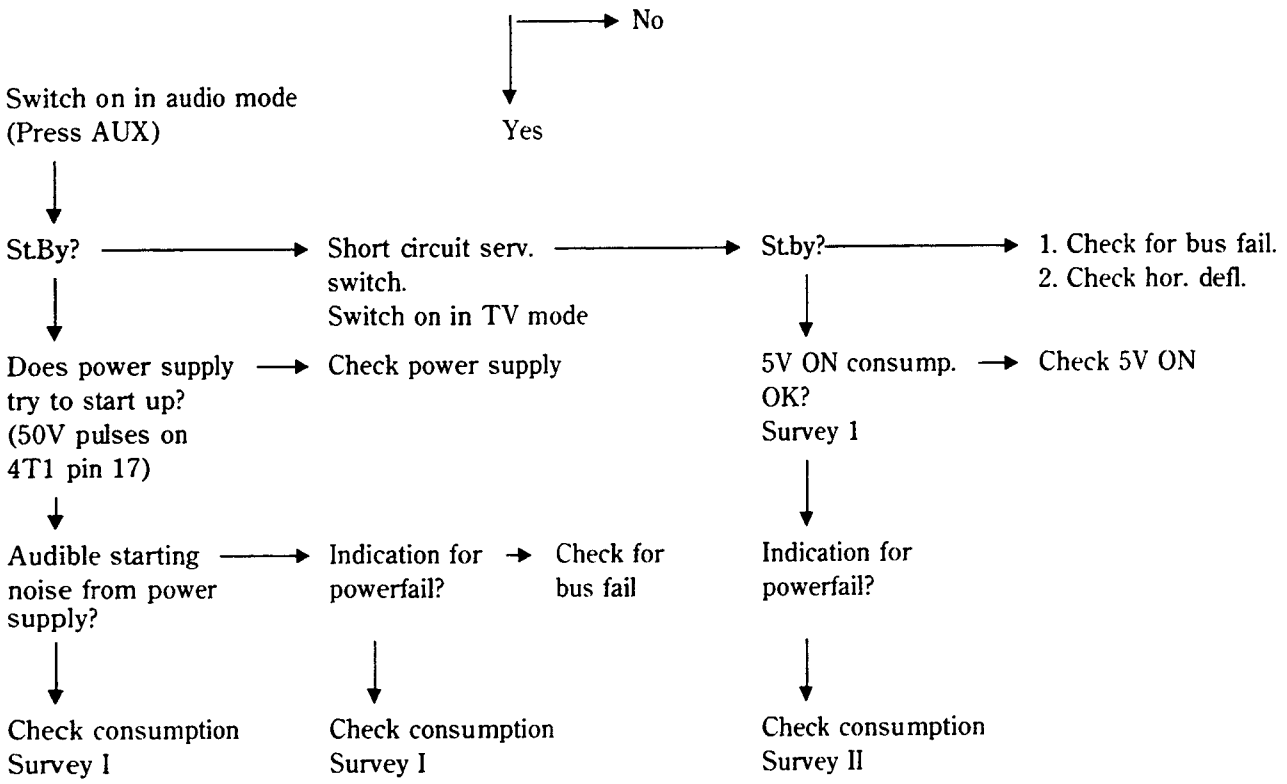
* split supply!

II

Tilført testspænding (Begge spændinger samtidig)	Forbrug når modtager tilsluttet 220V St.By. Tilfør 17V over 5C1
17V	ca. 760mA
9V	ca. 410mA

Powerfejl = 5V på 1TR15, 9TR15 kollektor

Repair guide in case the set goes in st. by


Switch on in audio mode (Press AUX)
No
Yes
St.By?
Short circuit serv. switch. Switch on in TV mode
St.by?
1. Check for bus fail.
2. Check hor. defl.
Does power supply try to start up? (50V pulses on 4T1 pin 17)
Check power supply
5V ON consump. OK? Survey 1
Check 5V ON
Audible starting noise from power supply?
Indication for powerfail?
Check for bus fail
Indication for powerfail?
Check consumption Survey I
Check consumption Survey I
Check consumption Survey II

Powerfail = 5V on 1TR15 (9TR15) collektor

Check of consumption of various supply voltages.

I

Supply voltage	Test voltage suppl. (one at a time only)	Consumption without mains voltage supplied
150V	50V over 4C10	< 40mA
* 40V	40V over 4C13	ca. 70mA
17V	17V over 4C11	ca. 420mA
9V	9V over 4C12	ca. 290mA
5V ON	5V over 1C37 (9C37)	ca. 140mA

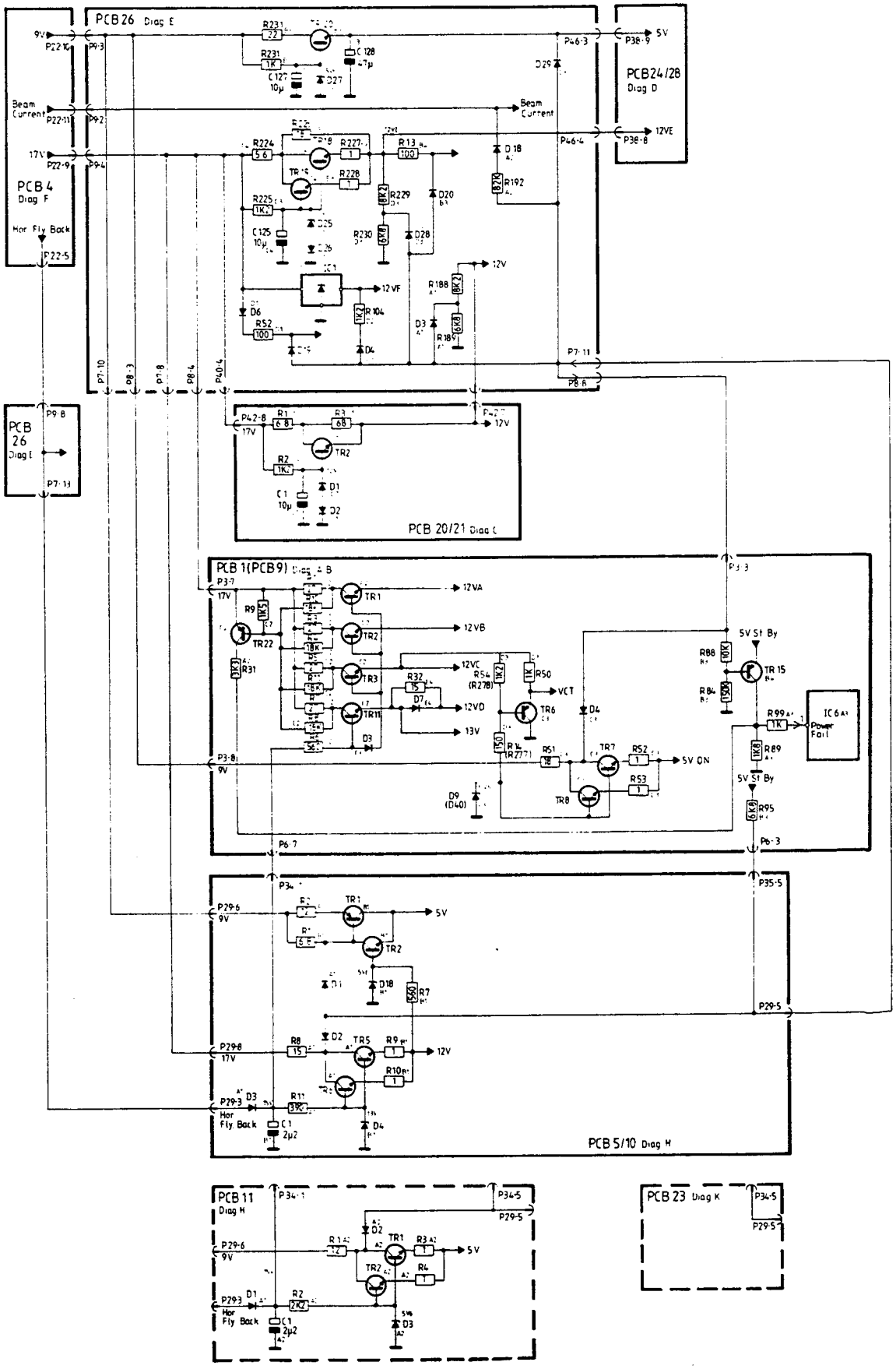
* split supply!

II

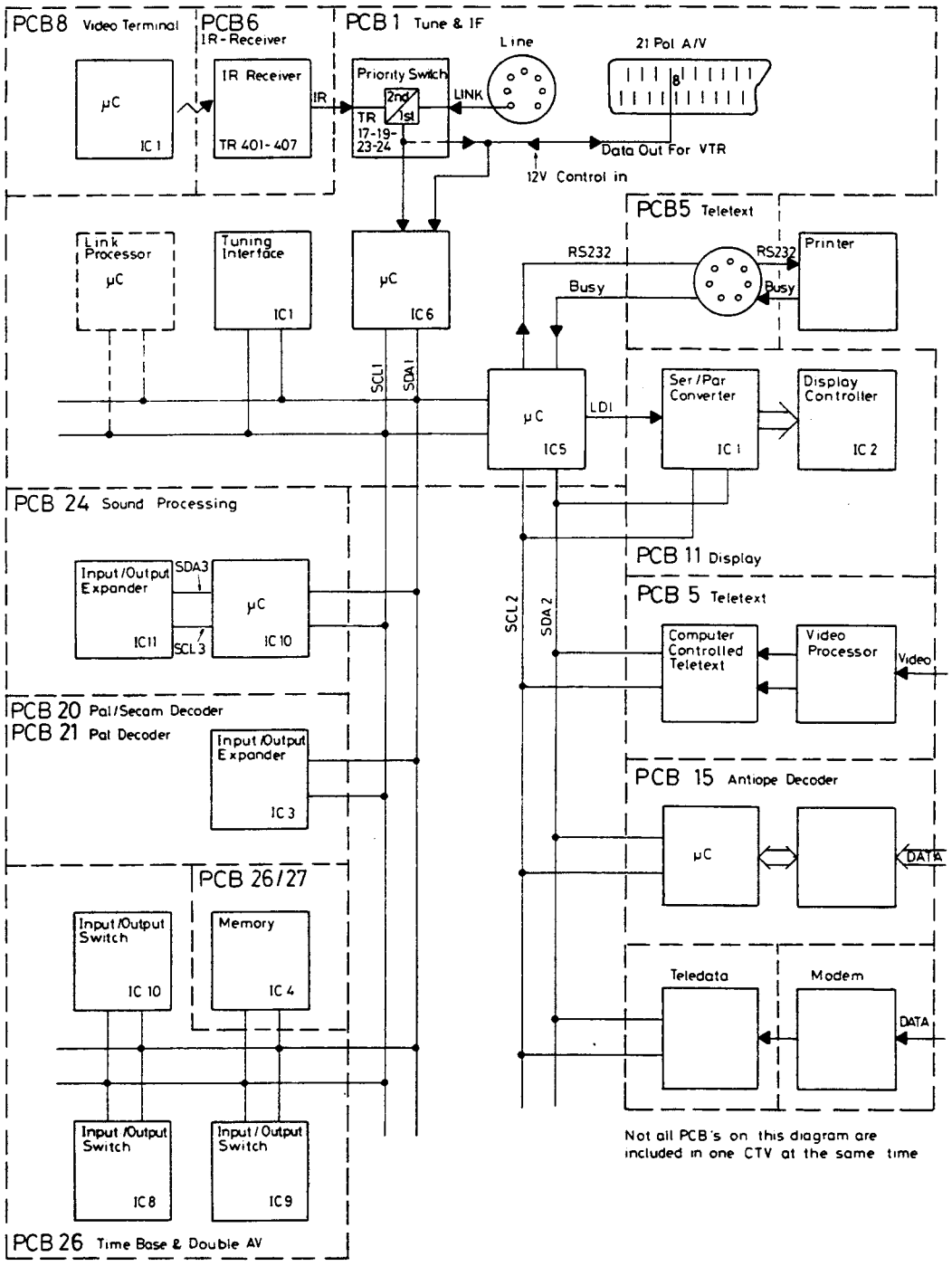
Test voltage supplied (Both voltages simultaneously)	Consumption when receiver is connected to 220V St.By. Supply 17V over 5C1
17V	ca. 760mA
9V	ca. 410mA

Powerfail = 5V on 1TR15 collector

Power Fail Blockdiagram



Bus structure



Typeoversigt

Type Survey

Varianter Variants			Salgsbenævnelse Sales designation	LX 2500	LX 2800
	Colour	System	TXT	Type	Type
EU	PAL	B-G		3741	3701
EU	PAL	B-G	S-D-GB	3742	3702
EU	PAL	B-G	D-I-F	3743	3703
EU	PAL/SECAM	B-G	S-D-GB	3745	3705
GB	PAL	I	S-D-GB	3747	3707
F	PAL/SECAM	L-B-G		3752	3712
F Multi*	PAL/SECAM	L-B-G	ANTIOPE	3753	3713
EU Multi	PAL/SECAM	L-B-G	D-I-F	3754	3714
EU Multi	PAL/SECAM	L-B-G	S-D-GB	3755	3715
Italian	PAL	B-G	D-I-F	3758	3718
GR	PAL/SECAM	B-G		3760	3720

TXT Characters: S = Swedish, D = German, F = France, GB = English, I = Italian, GR = Greece

* Transposer - to French Band I (Secam L)

ISOLATIONSTEST
Ethvert apparat *skal* isolationstestes efter at det har været adskilt. Testen udføres når apparatet igen er helt samlet og klar til udlevering til kunden.

Isolationstesten udføres på følgende måde:

De to stikben på netstikket kortsluttes og tilsluttes en af terminalerne på isolationstesteren. Den anden terminal fra isolationstesteren tilsluttes stelbenet i en af højttalerstikdåserne.

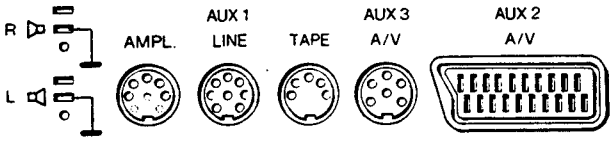
Netafbryderen sættes i ON position.

INSULATION TEST
Each set *must* be insulation tested after it has been dismantled. The test is to be carried out when the set has been re-assembled and is ready for delivery to the customer.

The insulation test is carried out in the following way:

Short-circuit the two plug pins of the main plug and connect one of the terminals of the insulation tester. Connect the other terminal of the insulation tester to the chassis pin of one of the loudspeaker sockets.

Set the mains switch in ON position.



OBS!
For at undgå beskadigelser på apparatet er det vigtigt, at begge terminaler fra isolationstesteren har virkelig god kontakt.

Der drejes nu langsom med spændingsreguleringen på isolationstesteren indtil en spænding på 1,5-2 kV er opnået. Her skal den holdes i 1 sekund, derefter drejes der langsomt ned for spændingen igen.

Der må ikke på noget tidspunkt under testen forekomme overslag.

NOTE!
To avoid ruining the set, it is essential that both insulator test terminals are in really good mechanical contact.

Now turn slowly the voltage control down on the insulation tester until a voltage of 1.5-2 kV is obtained. Hold it there for 1 sec, then turn slowly the voltage down again.

At no point during the test procedure any flash-overs are permissible.

SLUTAFPRØVNING

Terminal
Terminal sekvenser (aktiveringer) skal ske i hurtig rækkefølge, Display på skærmen

Tilslutninger
Beovisionen tilsluttes lysnettet og antennesignal.

Stand by
Hovedafbryder aktiveres → Rød prik i øverste højre hjørne.

Tænd

SATELLITE	→ Starter på sidst benyttede program.
MUTE	→ Starter på sidst benyttede program.
TV	→ Starter på sidst benyttede program.
TEXT	→ Starter på sidst benyttede program i tekst mode.
AUX	→ Starter i Audio mode, aktiv AMPL og AUX 1 Line
0 - 31	→ Starter på valgte program.

Tune
Direkte valg
Indstilling af ønsket frekvens f.eks. 543 MHz (kanal 30) på valgt program (0-31). Omregningstabel frekvens → kanal se betjeningsanvisning.

TUNE	→ Grøn display.
5 4 3	→ Gul display.

Store
Indstillede frekvens kan Stores, til senere brug på valgte program.

STORE	→ Rød display.
STORE	→ Grøn display.

Tune
Søgning
Søgning under valgte program (0-31).

<< eller >>	→ TV stopper på næste sender frekvens.

STORE sekvenser udføres.

Frekvens
Step
Hver gang STEP aktiveres kortvarigt skifter display 1 MHz op eller ned. Holdes STEP nede skiftes frekvens.

TUNE	→ Gul display.
STEP eller	
STEP	→ Frekvens op eller ned.

Ønskede frekvens (billede) kan STORES ved udførsel af sekvensen.

FINAL TEST

Terminal
Terminal sequences (activations) must take place soon after one another, display on the screen.

Connections
Connect the Beovision to the mains and to aerial signal.

Stand by
Mains sitch is activated → red light dot in upper right-hand corner.

Switch on

SATELLITE	→ Starts on latest programme used
MUTE	→ Starts on latest programme used
TV	→ Starts on latest programme used
TEXT	→ Starts on latest programme used in text mode
AUX	→ Starts in Audio mode, active »AMPL« and Aux 1 Line.
0 - 31	→ Starts on selected programme.

Tune
Direct selection
Setting of frequency wanted e.g. 543 MHz (channel 30) on selected programme (0-31). Conversation table frequency → channel see Owner's manual.

TUNE	→ Green display
5 4 3	→ Yellow display

Store
Set frequencies can be stored for later use on selected programme

STORE	→ Red display
STORE	→ Green display

Tune
Search
Search during selected programme (0-31).

<< or >>	→ TV stops at next transmitter frequency

STORE sequences are carried out.

Frequency
Step
Every time STEP is shortly activated display switches up or down 1 MHz. If STEP is held down frequency changes.

TUNE	→ Yellow display.
STEP or STEP	→ Frequency up or down

Frequency (picture) wanted can be STORED by carrying out the sequence.

Finindstilling
AFC
Ønskede frekvens (billede) er fundet.
Billedet står ikke skarpt.
TUNE → Gul display.
<< eller >> → AFC kan varieres i området fra -3 til 3.

Når ønskede billede er indstillet, gennemføres STORE sekvens.

Lys
Niveau
PICTURE → Grøn »BRILLIANCE XX« display.
^ eller v → Lys varieres op eller ned (0-62).

Valgte niveau kan STORES ved udførelse af picture store.

»Picture store«
Valgte niveau kan »STORES«.
STORE → Rød display.
PICTURE → PICTURE rød display.
STORE → PICTURE grøn display.

Farve
Niveau
PICTURE → BRILLIANCE xx grøn display.
PICTURE → COLOUR xx grøn display.
^ eller v → FARVE varieres op eller ned (0-62)

Valgte niveau kan STORES ved udførelse af Picture Store.

Kontrast
Niveau
PICTURE → BRILLIANCE xx grøn display.
PICTURE → COLOUR xx grøn display.
PICTURE → CONTRAST xx grøn display.
^ eller v → FARVE varieres op eller ned (0-63).

Valgte niveau kan STORES ved udførelse af Picture Store.

Lyd
^ eller v → - grøn display lyd varieres op eller ned.

Lyd
Niveau
SOUND → VOLUME xx grøn display.
^ eller v → VOLUME varieres op eller ned (0-63).

Valgte niveau kan STORES ved udførelse af Sound-Store sekvens.

Sound store
Valgte niveau kan STORES.
STORE → Rød display
STORE → SOUND rød display
STORE → SOUND rød display

Fine tune
AFC
Frequency (picture) wanted has been found. The picture is unsharp.
TUNE → Yellow display.
<< or >> → AFC may vary in the range from -3 to 3.

When the picture wanted is set, STORE sequence is carried out.

Brilliance
Level
PICTURE → Green BRILLIANCE xx display
^ or v → Brilliance varies up or down (0-62).

Selected level can be stored by carrying out LEVEL sequence.

Level
Store
Level selected can be STORED
STORE → Red display
PICTURE → PICTURE red display.
STORE → PICTURE green display

Colour
Level
PICTURE → BRILLIANCE xx green display
PICTURE → COLOUR xx green display
^ or v → COLOUR varies up or down (0-62)

Selected level can be stored by carrying out LEVEL sequence.

Contrast
Level
PICTURE → BRILLIANCE xx green display
PICTURE → COLOUR xx green display
PICTURE → CONTRAST xx green display
^ or v → COLOUR varies up or down (0-63)

Selected level can be stored by carrying out LEVEL sequence.

Sound
^ or v → - green display sound varies up or down.

Sound
Level
SOUND → VOLUME xx green display
^ or v → VOLUME varies up or down (0-63)

Selected level can be stored by carrying out LEVEL sequence.

Sound store
Selected level can be stored.
STORE → Red display
STORE → SOUND red display
STORE → SOUND red display

Balance
Niveau
SOUND → VOLUME xx grøn display
SOUND → BALANCE x grøn display.
⌃ eller ⌄ → BALANCE varieres op eller ned (-8 - 8).

Valgte niveau kan STORES ved udførelse af Sound Store sekvens.

Diskant
Niveau
SOUND → VOLUME xx grøn display.
SOUND → BALANCE x grøn display.
SOUND → TREBLE x grøn display.
⌃ eller ⌄ → TREBLE varieres op eller ned (-7 - -6).

Valgte niveau kan STORES ved udførelse af Sound Store sekvens.

Bas
Niveau
SOUND → VOLUME xx grøn display.
SOUND → BALANCE x grøn display.
SOUND → TREBLE x grøn display.
SOUND → BASS x grøn display.
⌃ eller ⌄ → BASS varieres op eller ned (-7 - -6).

Valgte niveau kan STORES ved udførelse af Sound Store sekvens.

Basisudbredelse
Mono
Ved modtagelse af et MONO signal, kan lydopfattelsen ændres.
SOUND → Grøn display.
1 - 2 → Grøn display, rød firkantet lys i højre hjørne, basisudbredelse.
1 - 2 → Grøn display, rød firkantet lys i højre hjørne forsvinder.

To sprog
Ved modtagelse af to sprogede udsendelser kan der vælges.
1 - 2 → Sprog A.
1 - 2 → Sprog B.

Stereo lyd
Ved modtagelse af STEREO LYD skifter Beovisionen automatisk til STEREO, indikeret af rødt lys i øverste højre hjørne.
1 - 2 → MONO lyd, intet rødt lys i øverste højre hjørne.
1 - 2 → STEREO lyd, rødt lys i øverste højre hjørne.

Ved skift til anden STEREO udsendelse vil Beovisionen automatisk skifte til STEREO.

Balance
Level
SOUND → VOLUME xx green display
SOUND → BALANCE x green display
⌃ or ⌄ → BALANCE varies up or down (-8 - 8)

Selected level can be stored by carrying out LEVEL sequence.

Treble
Level
SOUND → VOLUME xx green display
SOUND → BALANCE x green display
SOUND → TREBLE x green display
⌃ or ⌄ → TREBBLE varies up or down (-7 - 6)

Selected level can be stored by carrying out LEVEL sequence.

Bass
Level
SOUND → VOLUME xx green display
SOUND → BALANCE x green display
SOUND → TREBLE x green display
SOUND → BASS x green display
⌃ or ⌄ → BASS varies up or down (-7 - 6)

Selected level can be stored by carrying out LEVEL sequence.

Basis enhancement
Mono
When receiving a MONO signal, the sound perception may change.
SOUND → Green display
1 - 2 → Green display, red square light in righthand corner, basis enhancement
1 - 2 → Green display, red square light in righthand corner disappears.

Dual languages
On reception of bi-lingual programmes the following can be chosen
1 - 2 → Language A
1 - 2 → Language B

Stereo sound
On reception of STEREO SOUND the Beovision automatically switches to STEREO, indicated by a red light in the upper righthand corner.
1 - 2 → MONO sound, no red light in upper righthand corner
1 - 2 → STEREO sound, red light in upper righthand corner

When switching to different STEREO transmission the Beovision will automatically switch into STEREO.

Teletekst
Se betjeningsanvisning.

Antiope
Se betjeningsanvisning.

Teletext
See Owner's Manual

Antiope
See Owner's Manual

Kontrol funktioner
Fjernsynet er i TV mode, hvis andet ikke er nævnt.

Simulcast
Ved aktivering af [CONTROL] [1] kan anden lydkilde tilsluttes AUX 1 Line ben 1 og 4 eller AMP ben 1 og 4.
Funktionen kan afbrydes ved aktivering af [TV] eller program skift.
Retur [TV] aktiveres.

Tidkonstant
Ved aktivering af [CONTROL] [2] ændres tidskonstanten til en perfekt synkronisering mellem fjernsyn og videobåndoptager (toggle funktion).

System B/G / System L
I multistandard modtagere bruges [CONTROL] [3] til valg af hvilke programmer der skal modtage system B/G eller system L (Fransk standard) (toggle funktion).

LF sløjfe
Ved aktivering af [CONTROL] [4] etableres der en signalmæssig forbindelse fra AUX 2 (21 polet A/V stik) til AUX 1 (line).
Hvis fjernsynet er i ST-BY og der kommer en [CONTROL] [4] tændes det i LF mode med mutet lyd og der etableres en sløjfe fra AUX 2 til AUX 1.
Hvis fjernsynet er tændt og der kommer en [CONTROL] [4] beholdes det valgte fjernsyns billede, men der etableres et uafhængig signal sløjfe fra AUX 2 til AUX 1.
Denne signal sløjfe kan afbrydes med en [CONTROL] [5].

Skiftespænding
Ved aktivering af [CONTROL] [6] er fjernsynet ikke følsom overfor 12volt skiftespænding fra f.eks. en videobåndoptager.
Retur, fjernsynet bringes i ST BY.

Flimmer fri
Aktivering af [CONTROL] [7] giver et flimmer fri (non-interlaced) billede, til f.eks. hjemmecomputere (toggle funktion).

To sprog
Ved aktivering af [CONTROL] [8] er begge sprog til stede på AUX 2, 21 polet A/V stik.
Retur, fjernsynet skal foretage en tuning (programskift).

Control functions
The TV-set is in TV mode, if nothing else is mentioned.

Simulcast
When activating [CONTROL] [1] other sound source may be connected to AUX 1 Line pins 1 and 4 or AMP pins 1 and 4.
The function can be disconnected by activating [TV] or programme switch.
Return [TV] is activated.

Time constant
When activating [CONTROL] [2] the time constant is changed into a perfect synchronization between TV-set and video recorder (toggle function).

System B/G / System L
In multistandard receivers [CONTROL] [3] is used to select the programmes which are to receive system B/G or system L (French standard) (toggle function).

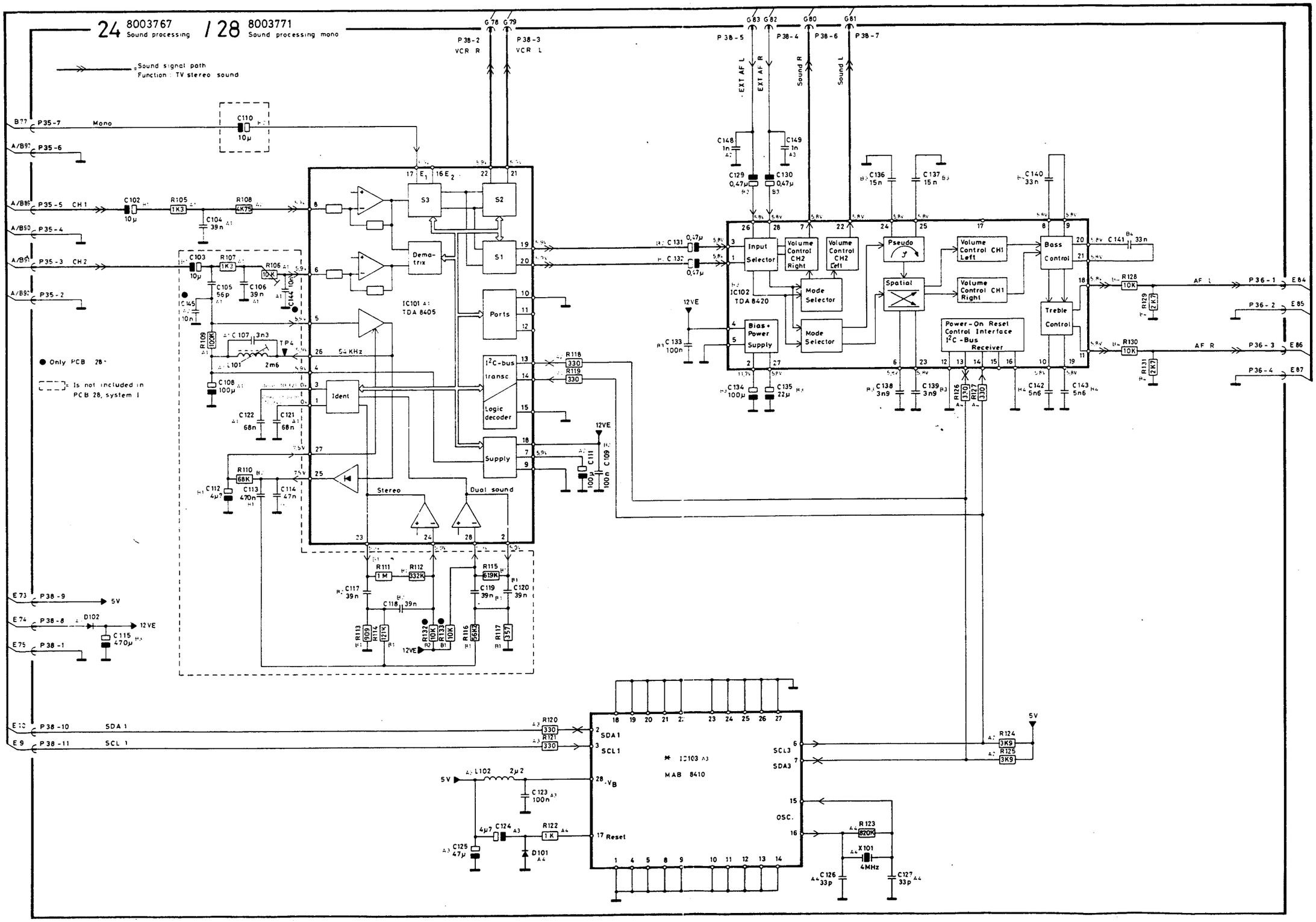
LF loop
When activating [CONTROL] [4] a signal connection is established from AUX 2 (21-pin A/V socket) to AUX 1 (line).
In case the TV is in ST-BY and a [CONTROL] [4] occurs, it will switch on in LF mode with muted sound and a loop is established from AUX2 to AUX1.
In case the TV is switched on and a [CONTROL] [4] occurs, the TV-picture selected is kept, however an independent signal loop is established from AUX 2 to AUX 1.
This signal loop can be disconnected by means of [CONTROL] [5].

Change over voltage
When activating [CONTROL] [6] the TV-set is not sensitive towards 12 Volt change over voltage from e.g. a video recorder.
Return, the TV-set is set in ST BY.

Flicker free
Activation of [CONTROL] [7] gives a flicker free (non-interlaced) picture, e.g. for home computers (toggle function).

Two languages
When activating [CONTROL] [8] both languages are present in AUX2, 21-pin A/V socket.
Return, the TV-set must undertake a tuning (programme switch).

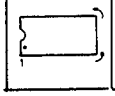
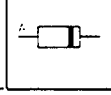
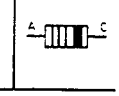
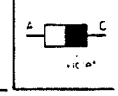
SOUND PROCESSING
DIAGRAM D STEREO DECODER (New version)



11-2

ELECTRICAL PARTS LIST

PCB 24, 8003767 Sound processing (new version)
PCB 28, 8003771 Sound processing mono (new version)

136	209	215	217				
							

IC101	8340938	**136**	TDA 8405
IC102	8340937	**136**	TDA 8420
IC103*△	8340936	**136**	µP MAB 8411
	3162282		Cover for IC103

* Specially selected or adapted sample
△ Static electricity may destroy the component

D101-102	8300058	**217**	SFD 184
		209	1N 4148
		215	1N 4148

R105	5020569	1.3 kΩ	R116	5020362	56.2 kΩ 1% 1/4 W
R106	5370326	10 kΩ 20% 0.1 W	R117	5020853	357 Ω 1% 1/4 W
R107	5020569	1.3 kΩ	R118-R121	5010044	330 Ω 5% 1/4 W
R108	5020141	4.75 kΩ 1% 1/4 W	R122	5010040	1 kΩ 5% 1/4 W
R109	5010049	100 kΩ 5% 1/4 W	R123	5010505	820 kΩ 5% 1/4 W
R110	5010062	68 kΩ 5% 1/4 W	R124-125	5010069	3.9 kΩ 5% 1/4 W
R111	5020288	1 MΩ 1% 1/4 W	R126-127	5010044	330 Ω 5% 1/4 W
R112	5020851	332 kΩ 1% 1/4 W	R128	5010059	10 kΩ 5% 1/4 W
R113	5020852	909 Ω 1% 1/4 W	R129	5010298	2.7 kΩ 5% 1/4 W
R114	5020508	121 kΩ 1% 1/4 W	R130	5010059	10 kΩ 5% 1/4 W
R115	5020850	619 kΩ 1% 1/4 W	R131	5010298	2.7 kΩ 5% 1/4 W

C102	4200510	10 µF 20% 16 V	C126	4000153	33 pF 5% 63 V
C103	4200510	10 µF 20% 16 V	C127	4000153	33 pF 5% 63 V
C104	4130388	39 nF 2.5% 63 V	C129	4200523	0.47 µF 20% 50 V
C105	4000155	56 pF 63 V	C130	4200523	0.47 µF 20% 50 V
C106	4130388	39 nF 2.5% 63 V	C131	4200523	0.47 µF 20% 50 V
C107	4100238	3.3 nF 5% 63 V	C132	4200523	0.47 µF 20% 50 V
C108	4200628	100 µF 20% 16 V	C133	4030038	100 nF -20+80% 25
C109	4030038	100 nF -20+80% 25 V	C134	4200628	100 µF 20% 16 V
C110	4200510	10 µF 20% 16 V	C135	4200544	22 µF 20% 16 V
C111	4200628	100 µF 20% 16 V	C136	4130303	15 nF 10% 63 V
C112	4200515	4.7 µF 20% 25 V	C137	4130303	15 nF 10% 63 V
C113	4130313	470 nF 20% 63 V	C138	4010182	3.9 nF 10% 63 V
C114	4130235	47 nF 20% 63 V	C139	4010182	3.9 nF 10% 63 V
C115	4200395	470 µF -10+50% 16 V	C140	4130257	33 nF 20% 63 V
C117	4100270	39 nF 1% 63 V	C141	4130257	33 nF 20% 63 V
C118	4100270	39 nF 1% 63 V	C142	4010183	5.6 nF 10% 63 V
C119	4100270	39 nF 1% 63 V	C143	4010183	5.6 nF 10% 63 V
C120	4100270	39 nF 1% 63 V	C144	4010106	10 nF -20+80% 40
C121	4130300	68 nF 20% 63 V	C145	4010106	10 nF -20+80% 40
C122	4130300	68 nF 20% 63 V	C146	4010106	10 nF -20+80% 40
C123	4030038	100 nF -20+80% 25 V	C147	4010106	10 nF -20+80% 40
C124	4200515	4.7 µF 20% 25 V	C148	4010105	1 nF 10% 63 V
C125	4200516	47 µF 20% 16 V	C149	4010105	1 nF 10% 63 V

L101	8022135	Coil 2.6 mH
L102	8020565	Coil 2.2 µH

X101	8090053	Crystal 4 MHz

P35	7220429	Plug 7/7 pol.
P36	7220426	Plug 4/4 pol.
P38	7220433	Plug 11/11 pol.

NYE JUSTERINGER

STEREO DEKODER
(Ny version)

Der skal benyttes en servicegenerator som nævnt under STEREO DECODER (gammel version side 5-6).

54 kHz

Indstil generatoren til STEREO lydmodulation.

Oscilloskop tilsluttes TP4, på modul 24-28 (Sound Processing).

Med L102 54 kHz, på modul 24-28 (Sound Processing), justeres til maksimum amplitude.

Matrix

Indstil generatoren til at afgive stereo lydmodulation i højre kanal (på Philips generatoren indtrykkes knapperne »mono/stereo« og »1(L)/1-2(R9)«).

Oscilloskop tilsluttes IC101 ben 21, på modul 24-28 (Sound Processing).

Med R106 Stereo Matrix, på modul 24-28 (Sound Processing), justeres indtil der måles mindst muligt signal.

NEW ADJUSTMENTS

STEREO DECODER
(New version)

Use same type service generator as mentioned in STEREO DECODER (Old version page 5-6).

54 kHz

Set generator at STEREO sound modulation.

Connect oscilloscope to TP4 on modules 24-28 (Sound Processing).

Use L102 54 kHz on modules 24-28 (Sound Processing) to adjust to maximum amplitude.

Matrix

Set generator to give stereo sound modulation in the right channel (press the buttons »mono/stereo« and »1(L)/1-2(R9)« on the Philips generator).

Connect oscilloscope to IC101 pin 21 on modules 24-28 (Sound Processing).

Adjust with R106 Stereo Matrix on modules 24-28 (Sound Processing) until smallest possible signal is measured.

NEUE EINSTELLUNGEN

STEREO DEKODER
(Neue Version)

Benutze denselben Service-Generatortyp wie in STEREO DEKODER erwähnt (alte Version siehe Seite 5-6).

54 kHz

Den Generator auf STEREO Tonmodulation einstellen.

Das Oszilloskop an TP4, Modul 24-28 (Sound Processing), anschließen.

Mit L102 54 kHz, Modul 24-28 (Sound Processing), auf Maximal amplitude einstellen.

Matrix

Den Generator auf die Generierung von Stereo-Tonmodulation im rechten Kanal einstellen (auf dem Philips Generator die Tasten »mono/stereo« und »1(L)/1-2(R9)«).

An IC101 Stift 21, Modul 24-28 (Sound Processing), das Oszilloskop anschließen.

Mit R106 Stereo Matrix, Modul 24-28 (Sound Processing), einstellen, bis ein möglichst niedriges Signal gemessen wird.

NOUVEAUX AJUSTMENTS

DECODEUR STEREO
(Nouvelle version)

Utilisèr le même type de générateur service comme indiqué dans la section DECODEUR STEREO (vieille version, page 5-6).

54 kHz

Amener le générateur sur modulation sonore STEREO.

Raccorder l'oscilloscope à TP4, module 24-28 (traitement du son).

Régler à l'amplitude maximale avec L102 54 kHz, module 24-28 (traitement du son).

Matrice

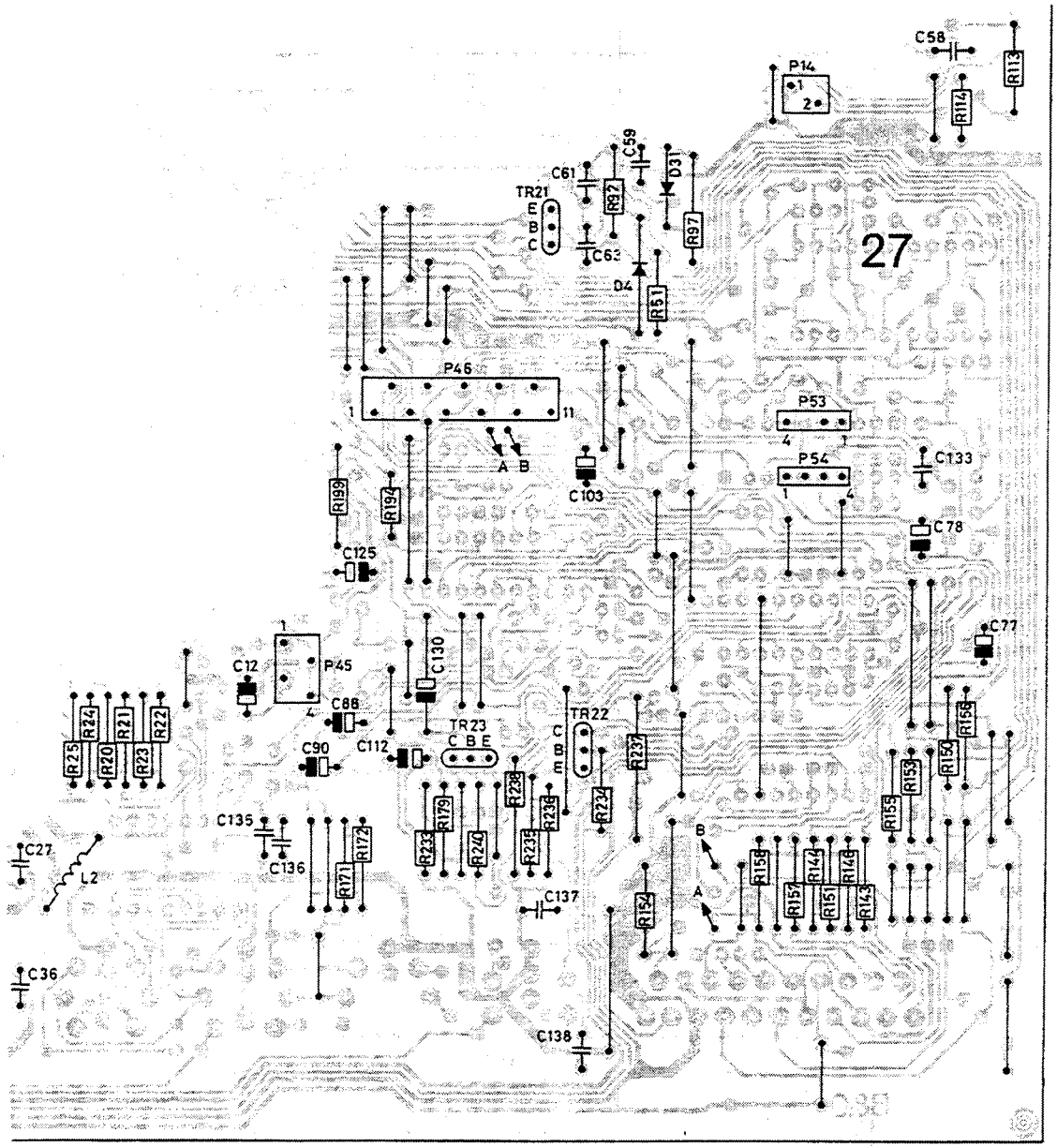
Régler le générateur pour qu'il émette une modulation sonore stereo dans la voie droite (sur le générateur Philips, les boutons mono/stereo et 1(L)/1-2(R9) sont enfoncés).

Raccorder l'oscilloscope à la borne 21 de IC101, module 24-28 (traitement du son).

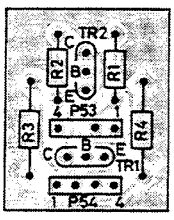
Régler avec R106 matrice stéréo, module 24-28 (traitement du son), jusqu'à obtenir le signal le plus faible possible.

11-3

POSITION OF COMPONENTS
FOR PCB 27
BEOVISION L2500-L2800



POSITION OF COMPONENTS
FOR 8003756
BUFFER SOUND SINGLE



BEOVISION L2500 – L2800
DIAGRAM G SINGLE A/V CONNECTION (For L 2500, L 2800)

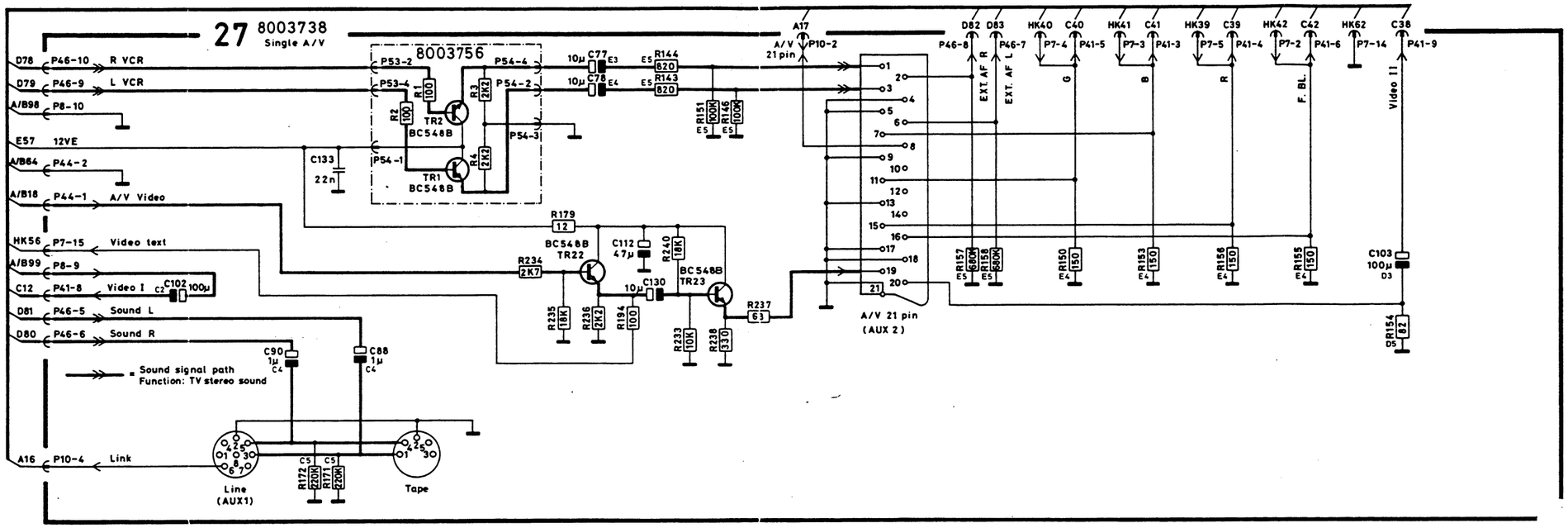
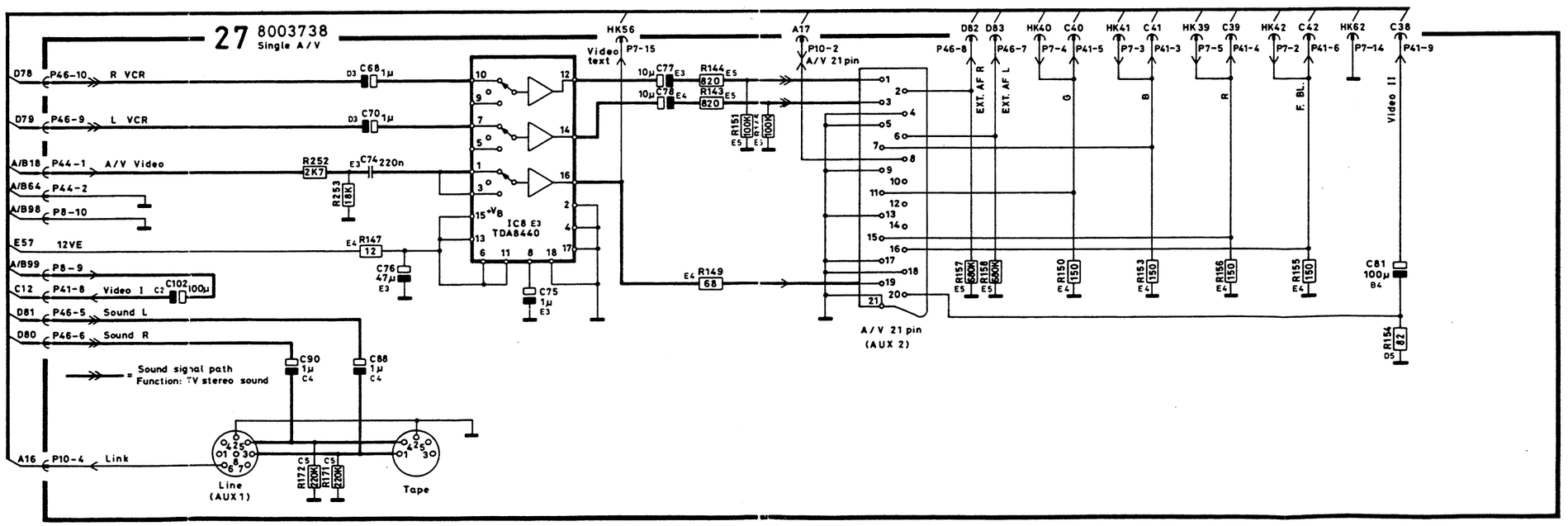
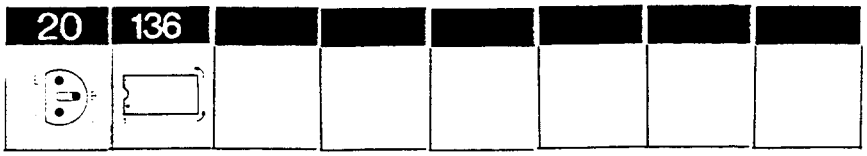


DIAGRAM G SINGLE A/V CONNECTION (For L 2500, L 2800 the first sets produced only)



ELECTRICAL PARTS LIST

PCB 27, 8003738 Single A/V



IC8	8340711	**136**	TDA 8440		
TR22	8020509	**20**	BC 548B		
TR23	8020509	**20**	BC 548B		

R143	5010068	820 Ω 5% 1/4 W	R171	5010120	220 kΩ 5% 1/4 W
R144	5010068	820 Ω 5% 1/4 W	R172	5010120	220 kΩ 5% 1/4 W
R146	5010049	100 kΩ 5% 1/4 W	R179	5010595	12 Ω 5% 1/4 W
R147	5011351	12 Ω 5% 1/8 W	R194	5011357	100 Ω 5% 1/8 W
R149	5011356	68 Ω 5% 1/8 W	R233	5010059	10 kΩ 5% 1/4 W
R150	5010057	150 Ω 5% 1/4 W	R234	5011362	2.7 kΩ 5% 1/8 W
R151	5010049	100 kΩ 5% 1/4 W	R235	5010135	18 kΩ 5% 1/4 W
R153	5010057	150 Ω 5% 1/4 W	R236	5010064	2.2 kΩ 5% 1/4 W
R154	5010056	82 Ω 5% 1/4 W	R237	5010039	68 Ω 5% 1/4 W
R155	5010057	150 Ω 5% 1/4 W	R238	5011019	330 Ω 5% 1/2 W
R156	5010057	150 Ω 5% 1/4 W	R240	5010135	18 kΩ 5% 1/4 W
R157	5010074	680 kΩ 5% 1/4 W	R252	5011445	2.7 kΩ 5% 1/4 W
R158	5010074	680 kΩ 5% 1/4 W	R253	5010135	18 kΩ 5% 1/4 W

C68	4200512	1 µF 20% 50 V	C88	4200512	1 µF 20% 50 V
C70	4200512	1 µF 20% 50 V	C90	4200512	1 µF 20% 50 V
C74	4130233	220 nF 20% 63 V	C102	4200628	100 µF 20% 16 V
C75	4200512	1 µF 20% 50 V	C103	4200628	100 µF 20% 16 V
C76	4200516	47 µF 20% 16 V	C112	4200516	47 µF 20% 16 V
C77	4200510	10 µF 20% 16 V	C130	4200342	10 µF -10+50% 63 V
C78	4200510	10 µF 20% 16 V	C133	4010107	22 nF -20+80% 40 V
C81	4200628	100 µF 20% 16 V			

P7	7220555	Plug 15/15 pol.	P41	7220434	Plug 12/12 pol.
P8	7220419	Plug 10/10 pol.	P44	7220411	Plug 2/2 pol.
P10	7220414	Plug 5/5 pol.	P46	7220433	Plug 11/11 pol.

8003756, Buffer Sound Single

TR1	8020509	**20**	BC 548B		
TR2	8020509	**20**	BC 548B		

R1	5011337	330 Ω 5% 1/8 W			
R2	5011337	330 Ω 5% 1/8 W			
R3	5010064	2.2 kΩ 5% 1/4 W			
R4	5010064	2.2 kΩ 5% 1/4 W			

P53	7220122	Plug 4/3 pol.			
P54	7220210	Plug 4/4 pol.			

MECHANICAL PARTS LIST BEOVISION L 2500 – L 2800

Front frame for Beovision L 2800

(Exploded view see page 4-1)

001	3450542	Cap
002	3164559	Cap
003	3164559	Cap
004	3430338	Front frame
005	3450542	Cap
006	3450641	Glass plate
	3950023	Rubber string
	3946064	Liste fightening, side
	3946065	Liste fightening, top-bottom
007	3164559	Cap
008	3450662	Loudspeaker panel, right
009	3164559	Cap
0010	3450661	Loudspeaker panel, left

07Modul	8003605	Headphone
0701	3164613	Cap for mains switch
0702	7450048	Mains switch
	6271102	Mains lead with Euro plug
	6271091	Mains lead for AUS
0703	7210386	Jack plug
0704	2776032	Button for mains switch
0705	3131240	Cap
0706	2776033	Button, P-step

Front frame for Beovision L 2500

(Exploded view see page 4-1)

001	3450574	Cap
004	3430375	Front frame
005	3450574	Cap
006	3450660	Glass plate
	3950023	Rubber string
	3946064	Liste fightening, side
	3946065	Liste fightening, top-bottom
008	3450685	Loudspeaker panel, right
0010	3450684	Loudspeaker panel, left

Other parts like front frame for Beovision L 2800

Loudspeaker cabinet for Beovision L 2800

(Exploded view see page 4-2)

0020	3152417	Pressure pad
0021	3430373	Loudspeaker cabinet, right
	3430374	Loudspeaker cabinet, left
0026	3340034	Gasket
0027	8480167	Bass speaker 4" 8 Ω
0028	3152417	Pressure pad

Loudspeaker cabinet for Beovision L 2500

(Exploded view see page 4-2)

0020	3152450	Pressure pad
0021	3430376	Loudspeaker cabinet, right
	3430377	Loudspeaker cabinet, left
0026	3340047	Gasket
0027	8480205	Bass speaker 3" 8 Ω
0028	3152450	Pressure pad

Sound chassis for Beovision L 2800 and L 2500
(Exploded view see page 4-3)

0030	3152534	Holder for L 2800
	3152550	Holder for L 2500
05Modul	8003603	Teletext S-D-GB
	8003693	Teletext D-I-F
10Modul	8003727	Teletext S-D-GB
	8003732	Teletext D-I-F
1001	3114228	Chassis
1002	3168430	Panel
1003	7210518	Socket 8-pole
11Modul	8003711	Display
15Modul	8003630	Antiope Digital
20Modul	8003641	PAL - Secam Decoder
21Modul	8003644	PAL Decoder
23Modul	8003650	Antiope Analog
2301	3168430	Panel
2302	7210518	Socket 8-pole
24Modul	8003700	Sound Processing
27Modul	8003738	Time Base and Single A/V
2701	3114227	Chassis
2702	3358209	Heat sink
2703	2816195	Spring clip
2704	2816195	Spring clip
2705	3168489	Aerial panel
27IC2	8340500	TDA 2040
27IC3	8340500	TDA 2040
28Modul	8003715	Sound Processing Mono

Cabinet for Beovision L 2800

(Exploded view see page 4-6)

0035	2568934	Profile, top
0036	3152415	Holder
0037	3414797	Cabinet, grey
	3302403	Screen plate
	2620076	Felt washer
0038	3152539	Holder, left
0039	2810189	Spring
0040	2568935	Profile, side
0041	8200055	Picture tube 28"
0042	3152446	Bracket
0043	3152413	Holder
0044	2389046	Drive fit nut
0045	2576200	Spacer
0046	3015107	Guide, signal chassis
0047	3414896	Rear cover
0048	2568935	Profile, side
0049	3152438	Holder, right
0050	2510119	Clamp
0051	6270315	EHT cable
0052	8022222	Degaussing coil
0053	3152414	Holder
0054	7510033	Ground current
0055	2574014	Support for transformer
0056	3152432	Bracket
0057	2576200	Spacer
0058	2389046	Drive fit nut
0059	3164600	Cap
0060	2576170	Spacer

01Modul	8003586	Tuner and IF System B/G
	8003590	Tuner and IF System I
0101	3450539	Front plate
0102	3114229	Chassis

03Modul	8003595	Video Output

06Modul	8003604	IR Receiver and LED's
0601	3164558	Cap
0602	3131241	Housing
0603	3375049	Lense
0604	3152435	Holder
0605	3164558	Cap
	6270327	Aerial plug

09Modul	8003612	Tuner and IF system L

29Modul	8003719	Transposer
2901	3131276	Cap

Cabinet for Beovision L 2500

(Exploded view see page 4-6)

0035	2568955	Profile, top
0036	3152451	Holder
0037	3414887	Cabinet, grey
	3302403	Screen plate
	2620076	Felt washer
0038	3152452	Holder, left
0040	2568956	Profile, side
0041	8200056	Picture tube 25"
0047	3414906	Rear cover
0048	2568956	Profile, side
0049	3152538	Holder, right
0052	8022249	Degaussing coil
0054	7510034	Ground current
0059	3164601	Cap

Other parts like cabinet for Beovision L 2800

All other parts see section 4.

MECHANICAL PARTS LIST
BEOVISION LX 2500 – LX 2800
WHITE LINE

Front frame for Beovision LX 2800 White Line
(Exploded view see page 4-1)

001	3450542	Cap
002	3164559	Cap
003	3164559	Cap
004	3430338	Front frame
005	3450542	Cap
006	3450641	Glass plate
	3950023	Rubber string
	3946064	Liste fightening, side
	3946065	Liste fightening, top-bottom
007	3164559	Cap
008	3450664	Loudspeaker panel, right
009	3164559	Cap
0010	3450663	Loudspeaker panel, left

07Modul	8003605	Headphone
0701	3164613	Cap for mains switch
0702	7450048	Mains switch
	6271102	Mains lead with Euro plug
	6271091	Mains lead for AUS
0703	7210386	Jack plug
0704	2776032	Button for mains switch
0705	3131240	Cap
0706	2776033	Button, P-step

Front frame for Beovision LX 2500 White Line
(Exploded view see page 4-1)

001	3450574	Cap
004	3430375	Front frame
005	3450574	Cap
006	3450660	Glass plate
	3950023	Rubber string
	3946064	Liste fightening,side
	3946065	Liste fightening, top-bottom
008	3450687	Loudspeaker panel, right
0010	3450686	Loudspeaker panel, left

Other parts like front frame for Beovision LX 2800 White Line

Cabinet for Beovision LX 2800 White Line
(Exploded view see page 4-6)

0035	2568937	Profile, top
0036	3152516	Holder
0037	3414798	Cabinet, grey
	3302403	Screen plate
	2620076	Felt washer
0038	3152541	Holder, right
0039	2810189	Spring
0040	2568938	Profile, side
0041	8200055	Picture tube 28"
0042	3152446	Bracket
0043	3152413	Holder
0044	2389046	Drive fit nut
0045	2576200	Spacer
0046	3015107	Guide, signal chassis
0047	3414898	Rear cover
0048	2568938	Profile, side
0049	3152517	Holder, left
0050	2510119	Clamp
0051	6270315	EHT cable
0052	8022222	Degaussing coil
0053	3152414	Holder
0054	7510033	Ground current
0055	2574014	Support for transformer
0056	3152432	Bracket
0057	2576200	Spacer
0058	2389046	Drive fit nut
0059	3164600	Cap
0060	2576170	Spacer

01Modul	8003586	Tuner and IF System B/G
	8003590	Tuner and IF System I
0101	3450539	Front plate
0102	3114229	Chassis

03Modul	8003595	Video Output

06Modul	8003604	IR Receiver and LED's
0601	3164558	Cap
0602	3131241	Housing
0603	3375046	Lense
0604	3152435	Holder
0605	3164558	Cap
	6270327	Aerial plug

09Modul	8003612	Tuner and IF system L

29Modul	8003719	Transposer
2901	3131276	Cap

Cabinet for Beovision LX 2500 White Line
(Exploded view see page 4-6)

0035	2568957	Profile, top
0036	3152546	Holder
0037	3414888	Cabinet, grey
	3302403	Screen plate
	2620076	Felt washer
0038	3152548	Holder, right
0040	2568958	Profile, side
0041	8200056	Picture tube 25"
0047	3414908	Rear cover
0048	2568958	Profile, side
0049	3152547	Holder, left
0052	8022249	Degaussing coil
0054	7510034	Ground current
0059	3164601	Cap

Other parts like cabinet for Beovision LX 2800 White Line

All other parts see section 4.

TV-stand 8930725 - white
(Exploded view see page 4-9)

00150	3458451	Top, left
00151	2046200	Screw AM 6x16
00152	2039065	Screw M 3x16
00153	3152531	Holder
00154	2015117	Screw 3.5x19
00155	2570040	Post, left
00156	3103246	Foot
00157	2830124	Axis
00158	3032018	Wheel
00159	3458452	Top, right
00160	2046200	Screw AM 6x16
00161	2570039	Post, right
00162	3152531	Holder
00163	2039065	Screw M 3x16
00164	2576197	Travers for LX 2800
	2576199	Travers for LX 2500
00165	2015117	Screw 3.5x16
00166	3103246	Foot
00167	3032018	Wheel
00168	2830124	Axis
	3390273	Bag with parts
	3391963	Packing
	3397564	Foam packing

Video stand 8930735/ 8930745 - white
(Exploded view see page 4-11)

00101	2380130	Nut M6
00102	2622419	Washer
00103	2622420	Washer, plast
00104	3456153	Spacer
00105	2046200	Screw AM 6x16
00106	2021008	Screw 5x20
00107	2046028	Screw AM 4x8
00108	2380126	Nut M6
00109	2622351	Washer 6.4
00110	3458484	Holder
00111	2046200	Screw AM 6x16
00112	2046005	Screw M 6x20
00113	3100054	Holder
	3341062	Hole plug
00114	3035051	Plastic foot
00115	3450699	Profile
00116	3035051	Plastic foot
00117	3456153	Space
00118	2046200	Screw AM 6x16
00119	3124112	Rotary plate
00120	2046028	Screw AM 4x8
00121	2021008	Screw 5x20
00122	3915042	Gasket
00123	3151255	Shelf for type 3073
00124	3151257	Shelf for type 3074
00125	2380130	Nut M6
	3390300	Bag with parts
	3391809	Packing.
	3397595	Foam packing
	3543068	Assembly packing
	2510157	Holder for connector leads

Bang&Olufsen

CORRECTIONS

17	20	42	136	209	212	215	217

221							

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1IC5*	8340936	**136**	MAB 8440	20IC2	8340287	**136**	TDA 3030 B
9IC5*	8340936	**136**	MAB 8440	21IC1	8340819	**136**	TDA 3301 B
15IC8	8340657	**136**	TMS 3536 NS	21IC2 shall be			
				21IC3	8340726	**136**	SAB 3037
20IC1	8340819	**136**	TDA 3301 B				

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24IC8*	8340935	**136**	LM 1035N	28IC8*	8340935	**136**	LM 1035N

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3TR3	8320454	**17**	BF 423	4TR6-8	8320487	**20**	BC 337-40

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9TR16-17	8320108	**20**	BC 548B	20TR13	8320281	**42**	BF 199
9TR24-30	8320108	**20**	BC 548B	20TR14-17	8320108	**20**	BC 548B
9TR40	8320108	**20**	BC 548B				

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21TR13	8320281	**42**	BF 199	23TR17-19	8320097	**20**	BC 547B
21TR14-17	8320108	**20**	BC 548B	26TR21-27	8320108	**20**	BC 548B

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3D20-22	8300058	**217**	SFD 184
		209	1N 4148
		215	1N 4148
4D7-8	8300506	**221**	BYV 28-100
4D37	8300390	**212**	BA 157
4D39-40	8300362	**209**	RGP 10G

* Specially selected or adapted sample

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9D40	8300296	**209**	BZX 79B 5V6
		209	BZX 83B 5V6
		209	ZPD 5.6V
9D41-43	8300058	**217**	SFD 184
		209	1N 4148
		215	1N 4148
20D22-23	8300128	**209**	BZX 83C 5V6
20D24	8300036	**209**	BZX 83C 4V7
20D25-27	8300058	**217**	SFD 184
		209	1N 4148
		215	1N 4148

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21D22-23	8300128	**209**	BZX 83C 5V6
21D25-27	8300058	**217**	SFD 184
		209	1N 4148
		215	1N 4148
25D1	8300390	**212**	BA 157
25D2	8300506	**221**	BYV 28-100
25D3	8300362	**209**	RGP 10G

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1C38	4100269	270 pF 2.5% 63 V
1C39	4100268	220 pF 2.5% 63 V
1C82	4200512	1 µF 20% 50 V
1C88	4010107	22 nF -20+80% 40 V
1C96	4130179	100 nF 20% 63 V

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1X1	8090000	Crystal 4 MHz
1X2	8090000	Crystal 4 MHz
4R3	5100343	3.3 Ω 6 W
4R55	5020709	100 Ω 2 W
4R62	5020815	6.8 Ω 5% 1/2 W
4R73	5020675	680 Ω 5% 1 W
4C8	4130324	1 nF 10% 1500 V

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9C88	4010107	22 nF -20+80% 40 V
9C124	4200551	33 µF -10+50% 16 V

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10R58	5370150	470 Ω 20% 0.1 W
10R59	5370150	470 Ω 20% 0.1 W
10C3	4200628	100 µF 20% 16 V
10C23	4030038	100 nF -20+80% 25 V
10X1	8090041	Crystal 13.875 MHz

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15C52	4010118	330 pF 10% 63 V
15C53	4010118	330 pF 10% 63 V
15C54	4010118	330 pF 10% 63 V
15C55	4010118	330 pF 10% 63 V
20C3	4130179	100 nF 20% 63 V
20C45	4010110	270 pF 10% 63 V
20C47	4130179	100 nF 20% 63 V
20C63	4130240	47 nF 10% 63 V

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20C79	4130304	22 nF 10% 63 V
20C85	4000018	220 pF 5% 63 V
20C89	4200523	0.47 µF 20% 16 V
20C94	4000140	27 pF 5% 63 V
20C96	4003135	39 pF 5% 63 V

8003774 Drive limiter PCB added to PCB 20

21C3	4130179	100 nF 20% 63 V
21C63	4130240	47 nF 10% 63 V
21C79	4130304	22 nF 10% 63 V
21C89	4200523	0.47 µF 20% 16 V
21C94	4000140	27 pF 5% 63 V
21C96	4003135	39 pF 5% 63 V

8003774 Drive limiter PCB added to PCB 21

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23R43	5020857	10 Ω 5% 1/2 W
23R51	5370150	470 Ω 20% 0.1 W
23R57	5370150	470 Ω 20% 0.1 W
23C30	4130261	100 nF 20% 63 V
23C31	4130238	3.3 nF 5% 63 V
24C23	4130304	22 nF 10% 63 V
24C24	4030038	100 nF -20+80% 40 V
24C25	4130304	22 nF 10% 63 V
24C67	4000230	82 pF 5% 63 V

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26C40	4200462	100 µF -10+100% 25 V
26C48	4100231	10 nF 2.5% 63 V

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26C131	4200628	100 µF 20% 16 V
28C23	4130304	22 nF 10% 63 V
28C24	4030038	100 nF -20+80% 40 V
28C25	4130304	22 nF 10% 63 V
28C67	4000230	82 pF 5% 63 V

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LX 2500

0026	3340047	Gasket

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2	2044042	Screw M 5 x 20 DIN 912

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page 4-5

LX 2500

0033	3152549	Holder for LX 2500

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LX 2800

0038	3152539	Holder, right
0049	3152438	Holder, left
0041	8200055	Picture tube 28" type A66EAK00X02

LX 2500

0037	3302403	Shielding plate (in the bottom plate)
	2620076	Feltpiece for base
0038	3152452	Holder, left
0041	8200056	Picture tube 25" type A59EAK00X02
0049	3152538	Holder, right

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0803, 0804, 0813 and 0814 are put together with 0802

	8700017	Battery

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00154	2015118	Screw 3.5 x 22
00157	2046018	Axis
00165	2015118	Screw3.5 x 22
00168	2046018	Axis
00124	3151254	Shelf for type 3074

Tilføjelse til side 5-7

TELETEKST
Drive
(Hvid niveau)

Vælg en teletekst side med hvide felter.

Med R58 og R59 på modul 10 (Teletekst), justeres til korrekt hvidt.

Addition to page 5-7

TELETEXT
Drive
(White level)

Choose a Teletext page with white sections.

Use R58 and R59 on module 10 (Teletext) to adjust to the correct white colour.

Zusatz zur Seite 5-7

VIDEOTEXT
Ansteuerung
(Weißpegel)

Eine Videotext-Seite mit weißen Feldern anwählen.

Mit R58 und R59 an Modul 10 (Videotext) auf korrektes Weiß einstellen.

Supplément à page 5-7

VIDEOTEX
Drive
(Niveau blanc)

Sélectionner une page de teletext comportant des espaces blancs.

Procéder au réglage à l'aide des R58 et R59 du module 10 (Teletext) jusqu'à obtenir le blanc qui convient.

Addition to page 6-2

Installations kit for:

Audio converter 5.5/6.5 MHz	8003396
Audio converter 5.5/6 MHz	8003400
Data Link modul	8003780
NTSC 4.43 MHz	8003814
NTSC 3.58 MHz A/V	8003840
NTSC 3.58 MHz A/V - HF	8003841

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Layout drawings of PCB units, adjustments and sockets, as seen from behind